



UNITED STATES DEPARTMENT OF AGRICULTURE.

FEDERAL HORTICULTURAL BOARD.

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ANNUAL LETTER OF INFORMATION.

Pests collected from imported plants and plant products from January 1, 1921, to December 31, 1921, inclusive.

No. 35.

December 31, 1921

NOTES ON PATHOLOGICAL INTERCEPTIONS.

Particular attention has been given to the pathological inspection of plant material passing through the Inspection House at Washington, D. C., under special permit. Crown gall (*Bacterium tumefaciens*) has been very prevalent, as in former years, on shipments from Europe, apparently no effort being made to free shipments of diseased plants. Fruit and rose stocks have been the commonest hosts found affected.

*Exobasidium vaccinii* has been especially common on azaleas from Belgium. A wide range of miscellaneous fungi have been intercepted, not all of which have as yet been identified, others appearing in the list which follows.

A fungus causing a serious rot of iris rhizomes was found on material from Germany. Two entire shipments have been destroyed and parts of a third. Partly rotted rhizomes were planted for observation, but were destroyed by the fungus within a short time and it was found that the fungus grew out through the soil, forming large numbers of sclerotia (resting bodies).

Citrus canker (*Bacterium citri*) was twice intercepted on grapefruit and oranges from China, found in passengers' baggage, at the port of San Francisco, Calif.

NOTES ON ENTOMOLOGICAL INTERCEPTIONS.

During the period under review 192 nests of the brown-tail moth were intercepted and reported by State and Federal inspectors, in contrast with 85 nests collected during the past eight years. With one exception, all of the nests taken in 1921 were on fruit and rose stocks from France. The sorrel cutworm, *Acronycta rumicis*, was taken on four shipments of fruit and rose stocks from France, and 62 nests of the white tree pierid, *Aporia crataegi*, were found on plants from the same country. The pink bollworm, *Pectinophora gossypiella*, was intercepted on 32 occasions, and the spiny citrus white fly, *Aleurocanthus woglumi*, was taken on tropical plants by Florida State Plant Board and Federal inspectors. Avocados from the Canal Zone and Mexico were infested with larvæ of *Stenomoma catenifer*, and the same fruit from the latter country and Costa Rica was infested with a species of *Conotrachelus*, probably *C. perseae*.

What appears to be an injurious thrips, *Thrips communis pulla*, was found infesting chrysanthemums from England and France. Astilbes from Holland were infested with *Brachyrhinus sulcatus*. The larvæ of this weevil were not only in the roots, but in some instances were rather abundant in the soil surrounding the roots, which is definitely prohibited by Quarantine 37.

Mexican-grown Irish potatoes which were in ships' stores were found on two vessels arriving at New Orleans, La., showed a rather heavy infestation of a species of *Trypopermnon* which is not known to occur in the United States. Likewise, sweet potatoes from the West Indies were infested with the West Indian sweet potato weevil, *Euscepes batatae*. Inspectors of the California Department of Agriculture made several interceptions of the melon and Mediterranean fruit flies on vegetables and fruits from Hawaii. Numerous scale insects were found on plants and plant products offered for entry, some of which are not known to be established in the United States.

**LIST, BY COUNTRIES, OF PESTS COLLECTED AND REPORTED FROM JANUARY 1, 1921, TO DECEMBER 31, 1921, INCLUSIVE.**

[All findings in the District of Columbia and those marked with an asterisk indicate Federal inspection.]

Country of origin and name of pest.	Host.	Collected in—
<b>AFRICA.</b>		
Insects:		
<i>Aracercus fasciculatus</i> (coffee-bean weevil)....	<i>Saccharum officinarum</i> (sugar cane).....	Florida.
Do.....	Unknown pods and seeds.....	Do.
<i>Aspidiotus lataniae</i> (scale insect).....	<i>Cocos nucifera</i> (coconut).....	Do.
Do.....	Unknown plant.....	Do.
<i>Calendra granaria</i> (granary weevil).....	<i>Pennisetum typhoideum</i> (pearl millet)...	District of Columbia.
<i>Calendra oryzae</i> (rice weevil).....	<i>Hordeum vulgare</i> (barley).....	Do.
Do.....	<i>Pennisetum typhoideum</i> (pearl millet)...	Do.
<i>Carpophilus dimidiatus</i> (Nitidulidae).....	<i>Dioscorea</i> sp. (yams).....	Pennsylvania.*
<i>Chrysomphalus dictyospermi</i> (scale insect)....	Palm.....	District of Columbia.
<i>Chrysomphalus</i> sp. (scale insect).....	Unknown plant.....	Do.
<i>Ephestia</i> sp. (Pyralidae).....	<i>Theobroma cacao</i> (beans) (2).....	Pennsylvania.*
<i>Hemichionaspis minor</i> (scale insect).....	<i>Cocos nucifera</i> (coconut).....	Florida.
<i>Hemichionaspis</i> sp. (scale insect).....	Unknown plant.....	Do.
<i>Howardia</i> sp. (scale insect).....	do.....	Do.
<i>Ischnaspis longirostris</i> (thread scale).....	Palm.....	District of Columbia.
<i>Laemophloeus ferrugineus</i> (Cucujidae).....	<i>Theobroma cacao</i> (beans).....	Pennsylvania.*
<i>Lepidosaphes gloverii</i> (Glover's scale).....	Palm.....	District of Columbia.
Pentatomid (nymph).....	<i>Diectomis fastigiata</i> (Andropogon).....	Do.
<i>Piezostethus</i> sp. (Anthicoridae).....	<i>Dioscorea</i> sp. (yam).....	Pennsylvania.*
<i>Pseudococcus adonidum</i> (long-tailed mealybug).	Unknown plant.....	District of Columbia.
<i>Pseudococcus</i> sp. (mealybug).....	<i>Dioscorea</i> sp. (yam).....	Pennsylvania.*
<i>Pulvinaria</i> sp. (scale insect).....	Unknown plant (2).....	District of Columbia.
Pyralid.....	<i>Theobroma cacao</i> (beans).....	Pennsylvania.*
<i>Tribolium confusum</i> (confused flour beetle)...	<i>Sesamum</i> (seed).....	District of Columbia.
<i>Tyroglyphus</i> sp. (mite).....	<i>Mafurreira</i> (seed).....	Do.
Diseases:		
<i>Actinomyces scabies</i> .....	<i>Solanum tuberosum</i> (Irish potato).....	Pennsylvania.*
<i>Aspergillus repens</i> .....	<i>Chrysophyllum</i> .....	District of Columbia.
<i>Cephalothecium roseum</i> .....	<i>Cucumis melo</i> .....	Pennsylvania.*
<i>Diplodia</i> sp.....	<i>Cocos nucifera</i> (coconut).....	Florida.
<i>Gibberella pulicaris</i> .....	<i>Hordeum</i> spp.....	Maryland.*
<i>Phytophthora infestans</i> .....	<i>Solanum tuberosum</i> (Irish potato).....	Pennsylvania.*
<i>Puccinia graminis</i> .....	<i>Hordeum</i> spp.....	Maryland.*
<i>Puccinia nakanishikii</i> .....	<i>Cymbopogon confertiflorus</i> .....	District of Columbia.
<i>Ustilago hordei</i> .....	<i>Hordeum vulgare</i> (barley).....	Do.
<i>Ustilago nuda</i> .....	<i>Hordeum</i> spp.....	Maryland.*
<b>ALGERIA.</b>		
Insects:		
<i>Lepidosaphes beckii</i> (purple scale).....	<i>Citrus limonia</i> (lemon).....	District of Columbia.
<i>Odonaspis</i> sp. (scale insect).....	<i>Arundo mauritanica</i> (rhizomes).....	Do.
<i>Targionia</i> sp. (scale insect).....	<i>Populus subintegerrima</i> (poplar).....	Do.
<b>ANTIGUA.</b>		
Insect:		
<i>Targionia hartii</i> (scale insect).....	<i>Dioscorea</i> sp. (yam) (2).....	District of Columbia.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
<b>ARGENTINA.</b>		
Insects:		
Anthomyid.....	Solanum tuberosum (Irish potato).....	Pennsylvania.*
Calendra granaria (granary weevil).....	Triticum aestivum (wheat).....	District of Columbia.
Do.....	Zea mays (corn).....	Do.
Calendra oryzae (rice weevil).....	Holcus sorghum (seed).....	Do.
Do.....	Triticum aestivum (wheat).....	Do.
Do.....	Zea mays (corn) (2).....	Do.
Dermestes vulpinus (Dermestidae).....	Bones.....	Louisiana.*
Desmonota variolosa (Cassididae).....	Unknown.....	Pennsylvania.*
Necrobia ruficollis (Corynetidae).....	Bones.....	Louisiana.*
Necrobia rufipes (red-legged ham beetle).....	do.....	Do.
Rhizopertha dominica (lesser grain beetle).....	Phaseolus sp. (2).....	California.
Sitodrepa panicea (Anobiidae).....	Cicer sp. (chick pea).....	Do.
Do.....	Lycopersicum esculentum (tomato) (2).....	District of Columbia.
Tribolium confusum (confused flour beetle).....	Cannabis sp. (hemp) (seed).....	California.
Tribolium sp. (Tenebrionidae).....	Helianthus sp. (sunflower) (seed).....	Do.
Diseases:		
Actinomyces scabies.....	Solanum tuberosum (Irish potato).....	Louisiana.*
Fusarium sp.....	do.....	District of Columbia.
Tilletia foetens.....	Triticum sp.....	Do.
<b>ASIA.</b>		
Insect:		
Eurytomine.....	Mallotis philippinensis (seed).....	District of Columbia.
<b>ASSAM.</b>		
Insects:		
Curculionid.....	Caryota sp. (fish-tail palm).....	District of Columbia.
<b>AUSTRALIA.</b>		
Insects:		
Aspidiotus camelliae (greedy scale).....	Wisteria sp.....	Hawaii.
Aspidiotus hederæ (ivy scale).....	Citrus limonia (lemon).....	Do.
Aulacaspis rosae (rose scale).....	Rosa sp. (rose).....	California.
Calendra oryzae (rice weevil).....	Kentia forsteriana (palm) (seed).....	Florida.
Cartodere costulata (Lathridiidae).....	Chrysanthemum sp.....	District of Columbia.
Ceronema sp.....	Wisteria sp.....	Hawaii.
Lepidosaphes beckii (purple scale).....	Citrus sinensis (orange).....	California.
Lepidosaphes sp. (scale insect).....	Malus sylvestris (apple).....	Hawaii.
Pheidole sp. (ant).....	Bambuseae sp.....	California.
Pseudococcus adonidum (long-tailed mealybug).....	Rosa sp. (rose).....	Do.
Pseudococcus maritimus (mealybug).....	Wisteria sp.....	Hawaii.
Pseudococcus sp. (mealybug).....	Citrus limonia (lemon).....	Do.
Rhizoglyphus sp. (mite).....	Kentia forsteriana (palm) (seed).....	Florida.
Silvanus gemellatus (Cucujidae).....	do.....	Do.
Tyroglyphus sp. (mite).....	Chrysanthemum sp.....	District of Columbia.
Diseases:		
Cladosporium herbarum.....	Cacara erosa.....	Do.
Sterigmatocystis niger.....	Allium cepa.....	California.
<b>AZORES.</b>		
Insects:		
Aulacaspis rosae (rose scale).....	Rosa sp. (rose).....	Massachusetts.*
Diaperis maculata (Tenebrionidae).....	Ipomoea batatas (sweet potato).....	Rhode Island.*
Fiorinia fioriniae (scale insect).....	Camellia sp. (leaves).....	Massachusetts.*
Disease:		
Sphaeronema fimbriatum.....	Ipomoea batatas (sweet potato).....	Rhode Island.*
<b>BAHAMA ISLANDS.</b>		
Insects:		
Aleurocanthus woglumi (spiny citrus white fly).....	Spice leaves.....	Florida.
Do.....	Laurus sp. (?) (bay).....	Do.
Aphis rumicis (aphid).....	Bean.....	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
BAHAMA ISLANDS—continued.		
Insects—Continued.		
Aspidiotus lataniae (scale insect).....	Achras sapota (sapodilla).....	Florida.
Do.....	Annona muricata (sour sop).....	Do.
Do.....	Melicocca bijuja ("guinnepe") (2).....	District of Columbia.
Do.....	Rosa sp. (rose).....	Florida.
Aspidiotus orientalis (scale insect).....	Annona squamosa (sugar apple).....	Do.
Do.....	Cocos nucifera (coconut).....	Do.
Aspidiotus spinosus (scale insect).....	Rosa sp. (rose).....	Do.
Aspidiotus subsimilis anonae (scale insect).....	Annona muricata (sour sop).....	Do.
Asterolecanium pustulans (pustule scale).....	Achras sapota (sapodilla).....	Do.
Blastobasis.....	Melicocca bijuja ("guinnepe").....	District of Columbia.
Chrysomphalus dictyospermi (scale insect).....	Citrus grandis (grapefruit).....	Florida.
Do.....	Rosa sp. (rose).....	Do.
Coccus hesperidum (soft brown scale).....	do.....	Do.
Coccus sp. (scale insect).....	Achras sapota (sapodilla) (leaves).....	Do.
Do.....	Croton sp. (croton).....	Do.
Cylas formicarius (sweet-potato weevil).....	Ipomoea batatas (sweet potato) (3).....	Do.
Diapsis boisduvalii (Boisduval's scale).....	Cocos nucifera (coconut).....	Do.
Do.....	Palm.....	Do.
Diatraea saccharalis (sugar-cane moth borer).....	Saccharum officinarum (sugar cane).....	Do.
Diatraea sp. (Pyralidae).....	Zea mays (corn).....	Do.
Eusepes batatae (West Indian sweet-potato weevil).....	Ipomoea batatas (sweet potato) (2).....	Do.
Euxesta thomae (Ortaliidae).....	Zea mays (corn) (ear) (3).....	Do.
Heliothis obsoleta (corn earworm).....	do.....	Do.
Hemichionaspis minor (scale insect).....	Annona muricata (sour sop) (2).....	Do.
Do.....	Bryophyllum sp. (Japanese lantern plant).....	Do.
Howardia biclavus (mining scale).....	Achras sapota (sapodilla).....	Do.
Do.....	Annona squamosa (sugar apple).....	Do.
Do.....	Mammea sp. (2).....	Do.
Lepidosaphes beekii (purple scale).....	Citrus grandis (grapefruit).....	Do.
Do.....	Croton sp. (croton).....	Do.
Orthezia insignis (greenhouse orthezia).....	Coleus(?).....	Do.
Pseudaonidia articulatus (scale insect).....	Chrysophyllum sp. (star apple).....	Do.
Do.....	Citrus grandis (grapefruit).....	Do.
Do.....	Melicocca bijuja ("guinnepe").....	District of Columbia.
Do.....	Rosa sp. (rose).....	Florida.
Do.....	Spice leaves.....	Do.
Do.....	Tamarindus indica (tamarind) (2).....	Do.
Pseudaonidia sp. (scale insect).....	Palm.....	Do.
Pseudococcus nipae (mealybug).....	Rosa sp. (rose).....	Do.
Pseudococcus virgatus (mealybug).....	Annona muricata (sour sop).....	Do.
Pseudococcus sp. (mealybug).....	Croton sp. (croton).....	Do.
Do.....	Annona muricata (sour sop) (3).....	Do.
Pseudoparlatoria parlatorioides (scale insect).....	Melicocca bijuja ("guinnepe").....	District of Columbia.
Pulvinaria sp. (scale insect).....	Annona muricata (sour sop).....	Florida.
Saissetia oleae (black scale).....	Unknown.....	Do.
Do.....	do.....	Do.
Targionia sacchari (scale insect).....	Wild catnip.....	Do.
Tetranychus sp. (mite).....	Achras sapota (sapodilla).....	Do.
Do.....	Annona muricata (sour sop) (3).....	Do.
	Saccharum officinarum (sugar cane) (2).....	Do.
	Croton sp. (croton).....	Do.
	Rosa sp. (rose).....	Do.
BELGIUM.		
Insects:		
Aspidiotus hederæ (ivy scale).....	Unknown.....	Florida.
Dermestes cadaverinus (Dermestidae).....	In passenger's baggage.....	Pennsylvania.*
Diseases:		
Actinomyces scabies.....	Solanum tuberosum (Irish potato).....	Louisiana.*
Chaetomium elatum.....	Azalea japonica.....	District of Columbia.
Exobasidium vaccinii.....	Azalea indica.....	Do.
Do.....	Azalea sp.....	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
<b>BERMUDA.</b>		
<b>Insects:</b>		
Aspidiotus cyanophylli (scale insect).....	Dracaena sp.....	New York City.*
Aspidiotus hederae (ivy scale).....	Nerium oleander (oleander) (2).....	Do.
Aspidiotus sp. (scale insect).....	Cycas sp. (sago palm).....	Do.
Aulacaspis pentagona (West Indian peach scale).	Nerium oleander (oleander).....	Do.
Do.....	Sedum sp.....	Do.
Ceroplastes cirripediformis (barnacle scale)...	Croton sp. (croton).....	Do.
Ceroplastes sp. (wax scale).....	Citharexylum spinosum (fiddlewood)...	Do.
Do.....	Croton sp. (croton).....	Do.
Do.....	Nerium oleander (oleander).....	Pennsylvania.*
Chrysomphalus dictyospermi (scale insect)....	Palm.....	New York City.*
Coccus elongatus (long soft scale).....	Croton sp. (croton) (3).....	Do.
Coccus hesperidum (soft brown scale).....	Unknown tree.....	Massachusetts.*
Coccus sp. (scale insect).....	Croton sp. (croton).....	New York City.*
Diaspis bromeliae (scale insect).....	Cycas sp. (sago palm).....	Do.
Hemichionaspis aspidistrae (aspidistra scale).	do.....	Do.
Howardia biclavus (mining scale).....	Hibiscus sp.....	Do.
Ischnaspis longirostris (thread scale).....	Palm (seedling).....	Do.
Do.....	Palm.....	Pennsylvania.*
× Lecanium sp. (scale insect).....	Aroid.....	New York City.*
Do.....	Poinciana (?).....	Do.
Do.....	Stephanotis sp.....	Do.
Do.....	Unknown.....	Do.
Lepidosaphes beekii (purple scale).....	Citrus aurantifolia (lime).....	Do.
Do.....	Citrus sp. (2).....	Do.
Morganella maskelli (scale insect).....	Hibiscus sp.....	Do.
Do.....	Nerium oleander (oleander) (2).....	Do.
Do.....	Woody shrub.....	Do.
Pheidole megacephala (ant).....	Bulbs.....	Do.
Protopulvinaria pyriformis (scale insect)....	English ivy.....	Do.
Do.....	Myrica sp. (wax myrtle).....	Do.
Pseudococcus citri (citrus mealybug).....	Croton sp. (croton).....	Do.
Do.....	Geranium sp. (geranium).....	Do.
Do.....	Mimosa sp.....	Do.
Do.....	Unknown plant.....	Do.
Saissetia hemisphaerica (hemispherical scale).	Bulbs.....	Do.
Do.....	Citrus sp.....	Do.
Do.....	Croton sp. (croton).....	Do.
Do.....	Cycas sp. (sago palm).....	Do.
Do.....	Stephanotis sp.....	Do.
Saissetia nigra (scale insect).....	Geranium sp. (geranium).....	Do.
Do.....	Hibiscus sp. (3).....	Do.
Do.....	Hibiscus sp. (?).....	Do.
Do.....	Nerium oleander (oleander).....	Do.
Do.....	Syringa vulgaris (lilac).....	Do.
Saissetia oleae (black scale).....	Bryophyllum pinnatum.....	Do.
Do.....	Cycas sp. (sago palm) (2).....	Do.
Do.....	Nerium oleander (oleander) (2).....	Do.
Do.....	Nerium oleander (oleander) (?).....	Do.
<b>BRAZIL.</b>		
<b>Insects:</b>		
Araecerus fasciculatus (coffee-bean weevil)...	Acrocomia sclerocarpa (seed).....	District of Columbia.
Do.....	Areca triandera.....	Do.
Do.....	Coffea arabica.....	Do.
Do.....	Coffea sp. (coffee).....	Maryland.*
Do.....	Oreodoxa oleracea.....	District of Columbia.
Do.....	Oreodoxa regia.....	Do.
Asterolecanium urichi (scale insect).....	Guilielma speciosa (palm).....	Do.
Carpophilus dimidiatus (Nitidulidae).....	Acrocomia sclerocarpa (seed).....	Do.
Do.....	Oreodoxa oleracea.....	Do.
Do.....	Oreodoxa regia.....	Do.
Caryoborus sp. (Mylabridae).....	Areca triandera.....	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
<b>BRAZIL—continued.</b>		
<b>Insects—Continued.</b>		
<i>Cathartus advena</i> (foreign grain beetle).....	<i>Acrocomia sclerocarpa</i> (seed).....	District of Columbia.
Do.....	<i>Oreodoxa oleracea</i> .....	Do.
Do.....	<i>Oreodoxa regia</i> .....	Do.
<i>Cerambycid</i> .....	<i>Solanum tuberosum</i> (Irish potato).....	Louisiana.*
<i>Chrysomphalus dictyospermi</i> (scale insect)....	Palm.....	Pennsylvania.*
<i>Coccotrypes</i> sp. (Scolytidae).....	<i>Areca triandera</i> .....	District of Columbia.
Do.....	<i>Lewistonia rotundifolia</i> .....	Do.
Do.....	<i>Oreodoxa oleracea</i> .....	Do.
Do.....	<i>Oreodoxa regia</i> .....	Do.
<i>Coccus hesperidum</i> (soft brown scale).....	<i>Guiliema speciosa</i> (palm).....	Do.
<i>Contarinia</i> sp. (Cecidomyiidae).....	<i>Holcus sorghum</i> (sorghum).....	Do.
<i>Curculionid</i> larva.....	Reed matting.....	Pennsylvania.*
<i>Diaspis bromeliae</i> (scale insect).....	<i>Ananas sativus</i> (pineapple).....	District of Columbia.
<i>Ephestia</i> sp. (Pyralidae).....	<i>Coffea</i> sp. (coffee).....	Louisiana.*
<i>Hemichionaspis</i> sp. (scale insect).....	<i>Mucuna</i> sp.....	Do.
<i>Hypothenemus</i> sp. (Scolytidae).....	<i>Acrocomia sclerocarpa</i> (seed).....	Do.
<i>Ischnaspis longirostris</i> (thread scale).....	Palm.....	New York City.*
<i>Lepidosaphes beckii</i> (purple scale).....	<i>Citrus grandis</i> (grapefruit).....	California.
Do.....	<i>Citrus sinensis</i> (orange) (2).....	Do.
<i>Pachymerus</i> sp. (Mylabridae).....	<i>Acrocomia</i> sp. ("mbocaya").....	District of Columbia.
Pentatomid.....	Orchids.....	New York City.*
<i>Pseudococcus bromeliae</i> (pineapple mealybug).....	<i>Ananas sativus</i> (pineapple).....	District of Columbia.
<i>Pyralid</i> (Phycitinae).....	<i>Acrocomia sclerocarpa</i> (seed).....	Do.
Do.....	<i>Oreodoxa oleracea</i> .....	Do.
Do.....	<i>Oreodoxa regia</i> .....	Do.
<i>Scolytid</i> .....	<i>Acrocomia sclerocarpa</i> (seed).....	Do.
Do.....	<i>Chrysalidocarpus lutescens</i> .....	Do.
Do.....	<i>Phoenix pumilla</i> (seed).....	Do.
<i>Tetramorium simillimum</i> (ant).....	<i>Ananas sativus</i> (pineapple).....	Do.
<i>Tyroglyphid</i> (mite).....	do.....	Do.
<b>Diseases:</b>		
<i>Diplodia manihoti</i> .....	<i>Manihot utilisima</i> .....	New York City.*
<i>Uromyces hedysari-paniculati</i> .....	<i>Desmodium</i> sp.....	District of Columbia.
<b>BRITISH EAST AFRICA.</b>		
<b>Disease:</b>		
<i>Polythrincium trifolii</i> .....	<i>Trifolium</i> sp.....	District of Columbia.
<b>BRITISH GUIANA.</b>		
<b>Insects:</b>		
<i>Aspidiotus destructor</i> (scale insect).....	Palm.....	Pennsylvania.*
<i>Caryoborus</i> sp. (Mylabridae).....	<i>Maximilliana regia</i> (nuts).....	New York City.*
<i>Howardia biclavis</i> (mining scale).....	<i>Clusia</i> sp.....	District of Columbia.
<i>Lepidosaphes</i> sp. (scale insect).....	<i>Clusia insignis</i> (cuttings).....	Do.
<i>Mecistocephalus maxillaris</i> (myriopod).....	In soil.....	Pennsylvania.*
<i>Opeas goodalli</i> (mollusk).....	do.....	Do.
<i>Orthomorpha</i> sp. (myriopod).....	do.....	Do.
<i>Philoscia</i> sp. (isopod).....	do.....	Do.
<i>Rhinocricus</i> sp. (spiroboloids).....	do.....	Do.
<i>Scutigera</i> sp. (myriopod).....	do.....	Do.
<i>Subulina octona</i> (mollusk).....	do.....	Do.
<i>Trichonammolens guinananus</i> (myriopod).....	do.....	Do.
<b>BRITISH HONDURAS.</b>		
<b>Insects:</b>		
Buprestid larva.....	<i>Attalea cohne</i> (palm nut).....	District of Columbia.
<i>Chrysomphalus dictyospermi</i> (scale insect)....	<i>Citrus aurantifolia</i> (lime).....	Florida.
<i>Lepidosaphes beckii</i> (purple scale).....	do.....	Do.
Do.....	<i>Citrus sinensis</i> (orange).....	Do.
<i>Lepidosaphes gloverii</i> (Glover's scale).....	<i>Citrus aurantifolia</i> (lime).....	Do.
<i>Parlatoria pergandei</i> (chaff scale).....	do.....	Do.
<i>Targionia sacchari</i> (scale insect).....	<i>Saccharum officinarum</i> (sugar cane).....	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
<b>BRITISH WEST INDIES.</b>		
Insects:		
Aspidiotus lataniae (scale insect).....	Achras sapota (sapodilla).....	Florida.
Aspidiotus orientalis (scale insect).....	Cocos nucifera (coconut) (2).....	Do.
Asterolecanium pustulans (pustule scale).....	Achras sapota (sapodilla).....	Do.
Lepidosaphes beckii (purple scale).....	Citrus aurantifolia (lime).....	New York City.*
Morganella maskelli (scale insect).....	Mangifera indica (mango).....	District of Columbia.
Targionia sacchari (scale insect).....	Saccharum officinarum (sugar cane).....	Florida.
<b>CANADA.</b>		
Insects:		
Chrysomphalus dictyospermi (scale insect)....	Aspidistra sp.....	Washington.*
Hemichionaspis aspidistrae (aspidistra scale)...	do.....	Do.
Lecanium sp. (scale insect).....	Persian walnut.....	District of Columbia.
Pseudococcus sp. (mealybug).....	do.....	Do.
<b>CANAL ZONE.</b>		
Insects:		
Aspidiotus sp. (scale insect).....	Musa sp. (banana).....	New York City.*
Calendra linearis (Curculionidae).....	Zea mays (corn).....	California.
Calendra oryzae (rice weevil).....	do.....	Do.
Carpophilus sp. (Nitidulidae).....	Ipomoea batatas (sweet potato).....	Florida.
Carthartus gemellatus (Cucujidae).....	Zea mays (corn).....	California.
Coccotrypes dactyliperda (Scolytidae).....	Ivory nuts.....	Do.
Drosophilid.....	Persea gratissima (avocado).....	New York City.*
Lepidosaphes beckii (purple scale).....	Citrus sinensis (orange).....	California.
Monomorium pharaonis (ant).....	Zea mays (corn).....	Do.
Pseudococcus bromeliae (pineapple mealybug)...	Solanum tuberosum (Irish potato).....	Hawaii.
Stenoma catenifer (avocado stenoma).....	Persea gratissima (avocado).....	New York City.*
Pulvinaria sp. (scale insect).....	Solanum tuberosum (Irish potato).....	Hawaii.
Diseases:		
Colletotrichum gloeosporioides.....	Persea gratissima (avocado).....	New York.*
Melanconium sacchari.....	Saccharum officinarum (sugar cane).....	California.
Penicillium sp.....	Garcinia xanthochymus.....	District of Columbia.
Thielaviopsis paradoxa.....	Saccharum officinarum (sugar cane).....	California.
<b>CANARY ISLANDS.</b>		
Insects:		
Carpophilus sp. (Nitidulidae).....	Citrus sinensis (orange).....	Florida.
Lepidosaphes beckii (purple scale).....	do.....	Do.
<b>CAPE VERDE ISLANDS.</b>		
Diseases:		
Aspergillus flavus.....	Saccharum officinarum (sugar cane).....	Massachusetts.
Basisporium gallarum.....	do.....	Do.
<b>CENTRAL AMERICA.</b>		
Insects:		
Aspidiotus cyanophylli (scale insect).....	Musa sp. (banana) (96).....	Florida.
Aspidiotus cydoniae (scale insect).....	Musa sp. (banana) (6).....	California.
Calendra oryzae (rice weevil).....	Zea mays (corn).....	Do.
Cathartus cassiae (Cucujidae).....	do.....	Do.
Cathartus gemellatus (Cucujidae).....	do.....	Do.
Chrysomphalus aonidum (Florida red scale)....	Musa sp. (banana) (4).....	Do.
Do.....	Citrus sinensis (orange).....	Do.
Chrysomphalus scutiformis (scale insect).....	Musa sp. (banana) (12).....	Do.
Icerya purchasi (fluted scale).....	Musa sp. (banana) (5).....	Do.
Ischnaspis longirostris (thread scale).....	Coffea sp. (coffee) (leaves).....	Do.
Lepidosaphes beckii (purple scale).....	Citrus limonia (lemon).....	Do.
Do.....	Citrus sinensis (orange) (2).....	Do.
Lepidosaphes sp. (scale insect).....	Croton sp. (croton).....	Do.
Oryzaephilus surinamensis (saw-toothed grain beetle)...	Mangifera indica (mango) (2).....	Do.
Pseudaonidia articulatus (scale insect).....	Cocos nucifera (coconut).....	Do.
Do.....	Musa sp. (banana) (2).....	Do.
Pseudococcus maritimus (mealybug).....	Musa sp. (banana) (3).....	Do.
Pseudococcus sp. (mealybug).....	Musa sp. (banana) (25).....	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
<b>CENTRAL AMERICA—continued.</b>		
<b>Diseases:</b>		
Aspergillus niger.....	Garcinia xanthochymus.....	District of Columbia.
Cladosporium citri.....	Citrus aurantifolia (lime).....	Florida.
Penicillium sp.....	Garcinia xanthochymus.....	District of Columbia.
Phomopsis citri.....	Citrus sinensis (orange).....	California.*
<b>CEYLON.</b>		
<b>Insects:</b>		
Aspidiotus destructor (scale insect).....	Cocos nucifera (coconut).....	Hawaii.
Necrobia rufipes (red-legged ham beetle).....	Copra (coconut).....	Massachusetts.*
Tribolium ferrugineum (rust-red flour beetle).....	do.....	Do.
<b>CHILE.</b>		
<b>Insects:</b>		
Aspidiotus camelliae (greedy scale).....	Lithraea caustica (leaves).....	District of Columbia.
Aspidiotus sp. (scale insect).....	do.....	Do.
Do.....	Malus sylvestris (apple).....	Do.
Chrysomphalus sp. (scale insect).....	Lithraea caustica (leaves).....	Do.
Coccotrypes dactyliperda (Scolytidae).....	Phoenix sp. (date) (seeds) (2).....	Florida.
Fucellia maritima (Anthomyidae).....	Fan palm.....	Massachusetts.*
Lepidosaphes ulmi (oyster-shell scale).....	Malus sylvestris (apple).....	District of Columbia.
Mylabris sp. (Mylabridae).....	Acacia cavenia (pod).....	District of Columbia.
Oryzaephilus surinamensis (saw-toothed grain beetle).....	Phoenix sp. (date).....	Florida.
Phthorimaea operculella (potato tuber moth).....	Solanum tuberosum (Irish potato) (2).....	California.
Do.....	do.....	Louisiana.*
Saissetia oleae (black scale).....	Tricuspidaria dependens.....	District of Columbia.
Sitodrepa panicea (drug-store beetle).....	Lycopersicum esculentum (tomato).....	Do.
Tribolium ferrugineum (rust-red flour beetle).....	Phoenix sp. (date).....	Florida.
<b>Diseases:</b>		
Bacterium tumefaciens.....	Malus sylvestris (apple).....	District of Columbia.
Cephalothecium roseum.....	Bollota mieri.....	Do.
Do.....	Citrus sp.....	Do.
Fusarium sp.....	do.....	Do.
Puccinia graminis.....	Poaceae.....	Do.
<b>CHINA.</b>		
<b>Insects:</b>		
Aphis sp.....	Caladium sp. (2).....	Hawaii.
Aulacaspis rosae (rose scale).....	Rosa sp. (rose).....	Oregon.*
Calendra granaria (granary weevil).....	Narcissus sp. (bulbs).....	California.
Do.....	Packing around narcissus bulbs.....	Do.
Calendra oryzae (rice weevil).....	Glycine soja (soybean).....	District of Columbia.
Do.....	Oryza sativa (rice) (seed) (5).....	Do.
Do.....	Rice hull packing.....	California..
Do.....	Zea mays (corn).....	District of Columbia.
Cathartus advena (foreign grain beetle).....	Dioscorea sp. (yam).....	California.
Cathartus sp. (Cucujidae).....	Narcissus sp. (bulbs).....	Do.
Chaetococcus bambusae (scale insect).....	Bambusa sp. (bamboo).....	District of Columbia.
Curculionid.....	Ormosia hosiei (seed).....	Do.
Cylas formicarius (sweet-potato weevil).....	Ipomoea batatas (sweet potato).....	Hawaii.
Dermites sp. (Dermetidae).....	Dried mushrooms.....	California.
Do.....	Unknown.....	Oregon.*
Ephestia elutella (Pyralidae).....	Medicinal herbs.....	California.
Euscepes batatae (West Indian sweet-potato weevil).....	Dioscorea sp. (yam).....	Do.
Hemichionaspis aspidistrae (aspidistra scale).....	Citrus grandis (grapefruit).....	Hawaii.
Do.....	Palm.....	Pennsylvania.*
Laemophloeus ferrugineus (Cucujidae).....	Oryza sativa (rice) (seed).....	District of Columbia.
Lasioderma serricorne (cigarette beetle).....	Panax quinquefolium (ginseng).....	Oregon.*
Lepidosaphes beekii (purple scale).....	Citrus grandis (grapefruit) (2).....	Hawaii.
Lepidosaphes gloverii (Glover's scale).....	Citrus grandis (grapefruit).....	Do.
Lophocateres pusillus (Siamese grain beetle).....	Oryza sativa (rice) (seed) (3).....	District of Columbia.
Minthea rugicollis (Lyctidae).....	Medicinal herbs.....	California.



List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
<b>CHINA—continued.</b>		
<b>Insects—Continued.</b>		
<i>Mylabris chinensis</i> (Mylabridae).....	Beans .....	Hawaii.
Do .....	Unknown seed .....	District of Columbia.
<i>Necrobia rufipes</i> (red-legged ham beetle) ....	<i>Gossypium</i> sp. (cotton).....	New York City.*
<i>Necrobia</i> sp. (Cleridae).....	Unknown .....	Oregon.*
<i>Odonaspis inusitata</i> (scale insect).....	<i>Bambusa</i> sp. (bamboo).....	California.
Do .....	do .....	District of Columbia.
<i>Oryzaephilus surinamensis</i> (saw-toothed grain beetle).....	<i>Trapa natans</i> (water chestnuts).....	Pennsylvania.*
<i>Palorus</i> sp. (Tenebrionidae).....	<i>Gossypium</i> sp. (cotton seed).....	Massachusetts.*
<i>Parlatoria pergandei</i> (chaff scale).....	<i>Citrus grandis</i> (grapefruit).....	California.
Do .....	do .....	Hawaii.
<i>Parlatoria zizyphus</i> (scale insect).....	<i>Citrus grandis</i> (grapefruit) (4) .....	Do.
Do .....	<i>Citrus sinensis</i> (orange).....	Oregon.*
<i>Pheidole</i> sp. (ant).....	<i>Trapa natans</i> (water chestnuts).....	California.
<i>Phthorimaea operculella</i> (potato tuber moth).....	<i>Solanum tuberosum</i> (Irish potato).....	Hawaii.
<i>Pseudococcus comstocki</i> (mealybug).....	<i>Citrus nobilis</i> (tangerine) .....	Do.
Do .....	Lychee tree .....	Do.
Do .....	<i>Pyrus serotina</i> (sand pears).....	Do.
Do .....	In soil .....	Do.
<i>Ptinus brunneus</i> (Ptinidae).....	<i>Trapa natans</i> (water chestnuts).....	Pennsylvania.*
Pyralid larva.....	<i>Dioscorea</i> sp. (yam).....	Do.
<i>Rhizoglyphus hyacinthi</i> (bulb mite).....	<i>Narcissus</i> sp. (bulbs).....	New York City.*
<i>Tinea</i> sp. (Tineidae).....	Mushroom, dried .....	California.
<i>Tribolium confusum</i> (confused flour beetle).....	Unknown .....	District of Columbia.
<i>Tribolium</i> sp. (Tenebrionidae).....	<i>Gossypium</i> sp. (cotton seed).....	Massachusetts.*
<b>Diseases:</b>		
<i>Actinomyces scabies</i> .....	<i>Solanum tuberosum</i> (Irish potato).....	Do.
<i>Bacterium citri</i> .....	<i>Citrus grandis</i> (grapefruit).....	California.*
<i>Cladosporium citri</i> .....	<i>Citrus nobilis</i> (tangerine).....	Hawaii.
<i>Colletotrichum graminicolum</i> .....	<i>Avena sativa</i> .....	Maryland.*
<i>Cephalothecium roseum</i> .....	<i>Allium sativum</i> .....	Texas.
<i>Gibberella saubinetii</i> .....	<i>Avena sativa</i> .....	Maryland.*
<i>Meliola</i> sp. ....	<i>Citrus grandis</i> (grapefruit).....	Oregon.*
Mosaic.....	<i>Phyllostachys pubescens</i> .....	District of Columbia.
<i>Phoma citricarpa</i> .....	<i>Citrus sinensis</i> (orange).....	Washington.*
<i>Phomopsis citri</i> .....	<i>Citrus grandis</i> (grapefruit).....	Hawaii.
Do .....	<i>Citrus</i> sp. ....	Washington.*
<i>Pseudomonas citri</i> .....	<i>Citrus sinensis</i> (orange) .....	Do.
<i>Puccinia</i> sp. ....	<i>Avena sativa</i> .....	Maryland.*
<i>Ustilagoidea oryzae</i> .....	<i>Oryza sativa</i> (rice) .....	District of Columbia.
<b>COCHIN CHINA.</b>		
<b>Diseases:</b>		
<i>Cytospora sacchari</i> .....	<i>Saccharum officinarum</i> (sugar cane) .....	District of Columbia.
<i>Diplodia cacaoicola</i> .....	do .....	Do.
<b>COLOMBIA.</b>		
<b>Insects:</b>		
<i>Araecerus fasciculatus</i> (coffee-bean weevil)....	Orchid .....	District of Columbia.
<i>Aspidiotus destructor</i> (scale insect).....	<i>Cocos nucifera</i> (coconut palm).....	New York City.*
<i>Aspidiotus</i> sp. (scale insect).....	<i>Cattleya</i> spp. ....	District of Columbia.
Do .....	Orchid .....	Do.
<i>Ceramidia butleri</i> (Amatidae).....	<i>Musa</i> sp. (banana) (in shipment).....	Maryland.*
<i>Crematogaster</i> sp. (ant).....	<i>Cattleya gigas sanderiana</i> .....	District of Columbia.
Curculionid larva.....	Orchid .....	Do.
<i>Diaspis bromeliae</i> (scale insect).....	<i>Cattleya trianae copayan</i> .....	Do.
Do .....	<i>Cattleya</i> spp. ....	Do.
<i>Geotomus</i> sp. (Cydnidae).....	Orchid .....	Do.
<i>Hypothenemus</i> sp. (Scolytidae).....	Corn cob .....	Do.
<i>Lyctocoris</i> sp. (Anthecoridae).....	Orchid .....	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
<b>COLOMBIA—continued.</b>		
<b>Insects—Continued.</b>		
<i>Mylabris obtectus</i> (bean weevil).....	<i>Vicia faba</i> .....	District of Columbia.
<i>Mylabris</i> sp. ( <i>Mylabridae</i> ).....	<i>Cassia tomentosa</i> .....	Do.
Do.....	<i>Cassia</i> sp. (seed).....	Do.
<i>Olyntha</i> sp. ( <i>Embiidae</i> ).....	Orchid.....	Do.
<i>Periplaneta australasiae</i> (roach).....	do.....	Do.
<i>Phycitid</i> .....	<i>Gossypium</i> sp. (cotton seed).....	Louisiana.*
<i>Pseudococcus</i> sp. (mealybug).....	<i>Cattleya gigas sanderiana</i> .....	District of Columbia.
Do.....	Orchid.....	Do.
<i>Pseudomops</i> sp. ( <i>Locustidae</i> ).....	<i>Cattleya gigas sanderiana</i> .....	Do.
<b>Diseases:</b>		
<i>Aspergillus repens</i> .....	<i>Cassia</i> sp.....	Do.
<i>Gloeosporium</i> sp.....	<i>Datura</i> sp.....	Do.
Do.....	<i>Phyllocactus</i> .....	Do.
<i>Rhizoctonia solani</i> .....	<i>Solanum tuberosum</i> (Irish potato).....	Do.
<i>Ustilago hordei</i> .....	<i>Hordeum</i> sp.....	Do.
<b>COOK ISLAND.</b>		
<b>Insects:</b>		
<i>Chrysomphalus anidum</i> (Florida red scale) ..	<i>Cocos nucifera</i> (coconut).....	California.
<i>Lepidosaphes beckii</i> (purple scale).....	<i>Citrus sinensis</i> (orange).....	Do.
<i>Lepidosaphes</i> sp. (scale insect).....	<i>Cocos nucifera</i> (coconuts).....	Do.
<i>Ripersia palmarum</i> (scale insect).....	Do.....	Do.
<b>COSTA RICA.</b>		
<b>Insects:</b>		
<i>Conotrachelus</i> sp. ( <i>Curculionidae</i> ).....	<i>Persea frigida</i> .....	District of Columbia.
<i>Forficulid</i> .....	Unknown plant.....	Florida.
<i>Lepidosaphes beckii</i> (purple scale).....	<i>Citrus sinensis</i> (orange).....	California.
<i>Metamasius sericeus</i> ( <i>Curculionidae</i> ).....	<i>Musa</i> sp. (banana).....	New York City.*
<i>Prenolepis</i> sp. (ant).....	do.....	Massachusetts.*
<i>Stenoma</i> sp. ( <i>Stenomatidae</i> ).....	<i>Persea gratissima</i> (avocado).....	New York City.*
<b>Disease:</b>		
<i>Colletotrichum gloeosporioides</i> .....	do.....	District of Columbia.
<b>CUBA.</b>		
<b>Insects:</b>		
<i>Alegoria dilatata</i> ( <i>Tenebrionidae</i> ).....	<i>Musa</i> sp. (banana).....	Pennsylvania.*
<i>Aleurocanthus woglumi</i> (spiny citrus white fly).....	<i>Citrus</i> sp. (3).....	Florida.
<i>Aleurothrixus howardi</i> (woolly white fly).....	<i>Citrus</i> sp. (2).....	Do.
<i>Anastrepha fraterculus</i> (West Indian fruit fly).....	Cuban plums.....	Do.
Do.....	<i>Mangifera indica</i> (mango).....	Do.
<i>Aspidiotus cyanophylli</i> (scale insect).....	<i>Eucalyptus</i> .....	Do.
<i>Aspidiotus destructor</i> (scale insect).....	<i>Cocos nucifera</i> (coconut) (20).....	Do.
Do.....	<i>Musa</i> sp. (banana) (2).....	Do.
Do.....	do.....	Pennsylvania.*
Do.....	<i>Psidium guajava</i> (guava).....	Florida.
Do.....	Unknown (2).....	Do.
<i>Aspidiotus hederæ</i> (ivy scale).....	<i>Musa</i> sp. (banana) (2).....	Do.
Do.....	Palm.....	Do.
<i>Aspidiotus lataniae</i> (scale insect).....	<i>Areca</i> sp. (palm).....	Do.
Do.....	<i>Cocos nucifera</i> (coconut).....	Do.
Do.....	<i>Musa</i> sp. (banana).....	Do.
Do.....	Unknown (4).....	Do.
<i>Aspidiotus orientalis</i> (scale insect).....	<i>Cocos nucifera</i> (coconut) (45).....	Do.
Do.....	Palm (2).....	Do.
Do.....	Palm (seed).....	Do.
Do.....	Unknown.....	Do.
<i>Aspidiotus subsimilis anonae</i> (scale insect).....	<i>Areca</i> sp. (palm).....	Do.
Do.....	Unknown (2).....	Do.
<i>Aspidiotus</i> sp. (scale insect).....	Unknown plant.....	Maryland.*
<i>Asterolecanium pustulans</i> (pustule scale).....	Spanish bayonet.....	Florida.
<i>Bephrata cubensis</i> (chalcid).....	Jamaica apple.....	Do.
<i>Cepolis alauda</i> (snail).....	<i>Musa</i> sp. (banana).....	Maryland.*

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
CUBA—continued.		
Insects—Continued.		
Ceroplastes sp. (wax scale).....	Unknown tree.....	Florida.
Chionaspis citri (scale insect).....	Citrus sinensis (orange).....	New York City.*
Chrysomphalus aonidum (Florida red scale).....	Citrus sp. (2).....	Florida.
Do.....	Oreodoxa regia.....	Do.
Chrysomphalus aonidum (Florida red scale).....	Palm.....	Do.
Chrysomphalus dictyospermi (scale insect).....	do.....	Do.
Do.....	Unknown tree.....	Do.
Coccotrypes sp. (Scolytidae).....	Palm (seeds).....	Do.
Do.....	Unknown seeds.....	Do.
Coccus acuminatus (scale insect).....	Jasminum sp. (jasmine) (2).....	Do.
Do.....	Unknown.....	Do.
Coccus hesperidum (soft brown scale).....	Citrus nobilis (tangerine).....	Do.
Do.....	Citrus sp. (2).....	Do.
Do.....	Citrus sp.....	Louisiana.*
Do.....	Euphorbia pulcherrima (poinsettia).....	Florida.
Do.....	Unknown.....	Do.
Coccus sp. (scale insect).....	Achras sapota (sapodilla).....	Do.
Do.....	Areca sp. (palm).....	Do.
Do.....	Jasminum sp. (jasmine).....	Do.
Cryptoptilum antillarum (cricket).....	Ananas sativus (pineapple).....	Louisiana.*
Cylas formicarius (sweet-potato weevil).....	Ipomoea batatas (sweet potato) (4).....	Florida.
Do.....	Ipomoea batatas (sweet potato).....	Mississippi.
Do.....	do.....	New York City.*
Cylas formicarius elegantulus (Curculionidae).....	do.....	Louisiana.*
Dactylopius sp. (scale insect).....	Cactus.....	Florida.
Desmometopa tarsalis (Agromyzidae).....	Citrus sp.....	Louisiana.*
Dialeurodes citrifolii (cloudy-winged white-fly).....	Citrus sinensis (orange).....	Florida.
Do.....	Citrus sp. (4).....	Do.
Diaspis boisduvalii (Boisduval's scale).....	Cocos nucifera (coconut) (14).....	Do.
Diaspis bromeliae (scale insect).....	Ananas sativus (pineapple) (3).....	California.
Do.....	Musa sp. (banana).....	Pennsylvania.*
Diatraea saccharalis (sugar-cane moth borer).....	Saccharum officinarum (sugar cane) (6).....	Florida.
Diatraea sp. (Pyralidae).....	Saccharum officinarum (sugar cane) (8).....	Do.
Do.....	Saccharum officinarum (sugar cane).....	Pennsylvania.*
Drosophila sp. (Drosophilidae).....	Mangifera indica (mango).....	Florida.
Frankliniella cephalica masoni (thrips).....	Unknown tree.....	Do.
Haplothrips merrilli (thrips).....	Cocos nucifera (coconut) (2).....	Do.
Heliothis obsoleta (cotton bollworm).....	Lycopersicum esculentum (tomatoes).....	Louisiana.*
Do.....	Zea mays (corn) (2).....	Florida.
Hemichionaspis minor (scale insect).....	Annona muricata (sour sop) (3).....	Do.
Do.....	Areca (palm).....	Do.
Do.....	Cocos nucifera (coconut) (3).....	Do.
Do.....	Unknown (2).....	Do.
Hemichionaspis sp. (scale insect).....	Unknown.....	Do.
Howardia biclavus (mining scale).....	Achras sapota (sapodilla).....	Do.
Do.....	Deciduous plant.....	Do.
Do.....	Mammea americana (mamey apple).....	Do.
Do.....	Unknown (2).....	Do.
Ischnaspis longirostris (thread scale).....	Palm.....	Do.
Laemophloeus pusillus (Cucujidae).....	Zea mays (corn).....	Do.
Laemophloeus sp. (Cucujidae).....	Saccharum officinarum (sugar cane).....	Do.
Lepidosaphes beckii (purple scale).....	Citrus aurantifolia (lime).....	Do.
Do.....	Citrus grandis (grapefruit).....	California.
Do.....	Citrus nobilis (tangerine) (2).....	Florida.
Do.....	Citrus sinensis (orange) (2).....	Do.
Do.....	do.....	New York City.*
Do.....	Citrus sp. (12).....	Florida.
Do.....	Citrus sp.....	Louisiana.*
Lepidosaphes gloverii (Glover's scale).....	do.....	Florida.
Lepidosaphes sp. (scale insect).....	Cocos nucifera (coconut).....	Do.
Leptocera sp. (Borboridae).....	Ananas sativus (pineapple).....	Louisiana.*

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
CUBA—continued.		
Insects—Continued.		
Metamasius sericeus (Curculionidae).....	Saccharum officinarum (sugar cane).....	Pennsylvania.*
Mylabris quadrimaculatus (four-spotted bean weevil).....	Cajanus indicus.....	District of Columbia.
Orthomorpha coarctata (diplopod).....	Musa sp. (banana).....	Pennsylvania.*
Pachnaeus sp. (Curculionidae).....	Unknown.....	Florida.
Pachymerus gleditsiae (Mylabridae).....	Seeds (unknown).....	Do.
Parlatoria pergandei (chaff scale).....	Citrus sp.....	Do.
Do.....	"Tieza" leaf.....	Do.
Periplaneta australasiae (roach).....	Musa sp. (banana).....	Pennsylvania.*
Periplaneta sp. (roach).....	Ipomoea batatas (sweet potato).....	Do.
Pheidole megacephala (ant).....	Ananas sativus (pineapple).....	Louisiana.*
Pheidole sp. (ant).....	do.....	Pennsylvania.*
Phenacaspis sp. (scale insect).....	Unknown plant.....	Maryland.*
Plodia interpunctella (Indian meal moth).....	Unknown plant (Randia sp.?).....	New York City.*
Prenolepis sp. (ant).....	Ananas sativus (pineapple).....	California.
Psammococcus desjardinsi (Cucujidae).....	Musa sp. (banana).....	Pennsylvania.*
Pseudaonidia articulatus (scale insect).....	Citrus sinensis (orange).....	Florida.
Do.....	Citrus sp.....	Do.
Do.....	do.....	Louisiana.*
Do.....	Croton sp. (croton).....	Florida.
Do.....	Palm.....	Do.
Do.....	Tamarindus indica (tamarind).....	Do.
Do.....	"Tieza" leaf.....	Do.
Do.....	Unknown tree.....	Do.
Do.....	Unknown legume.....	Do.
Pseudaonidia tesserata (scale insect).....	Areca sp. (palm).....	Do.
Pseudischinaspis alienus (scale insect).....	do.....	Do.
Do.....	Spanish bayonet.....	Do.
Do.....	Spanish lime.....	Do.
Pseudococcus adonidum (long-tailed mealybug).....	Unknown (2).....	Do.
Pseudococcus bromeliae (pineapple mealybug).....	Ananas sativus (pineapple) (8).....	California.
Do.....	Ananas sativus (pineapple) (2).....	Louisiana.*
Do.....	Ananas sativus (pineapple).....	Pennsylvania.*
Pseudococcus citri (citrus mealybug).....	Saccharum officinarum (sugar cane).....	Do.
Pseudococcus nipae (palm mealybug).....	Annona squamosa (sugar apple).....	Florida.
Do.....	Oreodoxa regia (royal palm).....	Do.
Do.....	Palm.....	Do.
Pseudococcus sacchari (sugar cane mealybug).....	Saccharum officinarum (sugar cane) (2).....	Do.
Pseudococcus sp. (mealybug).....	Ananas sativus (pineapple).....	New York City.*
Do.....	Cactus.....	Florida.
Do.....	Citrus sp.....	Do.
Do.....	Musa sp. (banana).....	Do.
Do.....	do.....	Pennsylvania.*
Do.....	Psidium guajava (guava).....	Florida.
Do.....	Unknown (2).....	Do.
Pseudoparlatoria parlatorioides (scale insect).....	Hibiscus sp.....	Do.
Pyralid.....	Cajanus indicus ("Grandul").....	District of Columbia.
Saissetia hemisphaerica (hemispherical scale).....	Annona muricata (sour sop) (2).....	Florida.
Do.....	Cycas sp. (sago palm).....	Do.
Do.....	do.....	Massachusetts.*
Do.....	Unknown plant (2).....	Florida.
Saissetia oleae (black scale).....	Annona muricata (sour sop).....	Do.
Do.....	Deciduous plant.....	Do.
Do.....	Devil pumpkin.....	Do.
Do.....	Gossypium sp. (cotton).....	Do.
Do.....	Mangifera indica (mango).....	Do.
Do.....	Unknown tree.....	Do.
Saissetia sp. (scale insect).....	Citrus sp.....	Louisiana.*
Sciara sp. (Mycetophilidae).....	do.....	Do.
Scolytid.....	Unknown seeds.....	Florida.
Targionia sacchari (scale insect).....	Saccharum officinarum (sugar cane) (3).....	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
<b>CUBA—continued.</b>		
<b>Insects—Continued.</b>		
Tetranychus sp. (mite).....	Croton sp. (croton).....	Florida.
Do.....	Rosa sp. (rose).....	Do.
Thyreocoris incertus (Corimeleanidae).....	Musa sp. (banana).....	New York City.*
Tribolium confusum (confused flour beetle).....	Saccharum officinarum (sugar cane).....	Pennsylvania.*
Vinsonia stellifera (star scale).....	Unknown.....	Florida.
<b>Diseases:</b>		
Black melanose.....	Citrus grandis (grapefruit).....	Do.
Do.....	Citrus nobilis (tangerine) (2).....	Do.
Cephalosporium sp.....	Zea mays (Corn).....	Do.
Cladosporium sp.....	Citrus sp.....	Do.
Colletotrichum sp.....	Crassulaceae.....	Do.
Diplodia coccocarpa.....	Cocos nucifera (coconut) (4).....	Do.
Melanconium sacchari.....	Saccharum officinarum (sugar cane).....	District of Columbia.*
Do.....	do.....	Pennsylvania.*
Thielaviopsis paradoxa.....	Saccharum officinarum (sugar cane).....	Florida.
Do.....	Saccharum officinarum (sugar cane) (2).....	Pennsylvania.
<b>CZECHOSLOVAKIA.</b>		
<b>Insects:</b>		
Lecanium coryli (scale insect).....	Malus sylvestris (apple) (scions).....	District of Columbia.
Do.....	Prunus cerasus (cherry) (scions).....	Do.
Do.....	Prunus sp. (prune) (cuttings).....	Do.
Lecanium sp. (scale insect).....	Malus sylvestris (apple) (scions).....	Do.
Do.....	Prunus sp. (cuttings) (prune).....	Do.
Lepidosaphes ulmi (oyster-shell scale).....	Malus sylvestris (apple) (scions).....	Do.
Do.....	Pyrus communis (pear) (cuttings) (2).....	Do.
<b>DENMARK.</b>		
<b>Diseases:</b>		
Actinomyces scabies.....	Solanum tuberosum (Irish potato).....	Georgia.*
Do.....	do.....	Louisiana.*
Claviceps microcephala.....	Phleum pratense.....	District of Columbia.
Claviceps purpurea.....	Elymus giganteus.....	Do.
Fusarium sp.....	Solanum tuberosum (Irish potato).....	Pennsylvania.*
Mycosphaerella fragariae.....	Fragaria sp.....	New York City.*
Phytophthora infestans.....	Solanum tuberosum (Irish potato).....	Georgia.*
Do.....	do.....	Louisiana.*
Puccinia graminis.....	Aegilops triticoides.....	District of Columbia.
<b>DOMINICAN REPUBLIC.</b>		
<b>Insects:</b>		
Chrysomphalus dictyospermi (scale insect).....	Citrus aurantifolia (lime).....	Florida.
Diaspis echinocacti opuntiae (scale insect).....	Cactus plants.....	District of Columbia.
Diatraea sp. (Pyralidae).....	Saccharum officinarum (sugar cane).....	Pennsylvania.*
Lepidosaphes beckii (purple scale).....	Citrus aurantifolia (lime).....	Florida.
Monomorium floricola (ant).....	Saccharum officinarum (sugar cane).....	Pennsylvania.*
Ortalid.....	Annona muricata (sour sop).....	New York City.*
Orthaea vincta (Lygaeidae).....	Chloris sp.....	District of Columbia.
Pseudococcus sp. (mealybug).....	Dioscorea sp. (yam).....	Florida.
<b>Disease:</b>		
Thielaviopsis paradoxa.....	Saccharum officinarum (sugar cane).....	Pennsylvania.*
<b>ECUADOR.</b>		
<b>Insects:</b>		
Aspidiotus lataniae (scale insect).....	Citrus sinensis (orange).....	Florida.
Do.....	Persea gratissima (avocado) (3).....	District of Columbia.
Do.....	Prunus salicifoli (Ambabta cherry) (2).....	Do.
Do.....	Pyrus communis (pear).....	Do.
Do.....	Rubus glaucus.....	Do.
Aspidiotus subsimilis (scale insect).....	Persea gratissima (avocado).....	Do.
Aspidiotus sp. (scale insect).....	Persea gratissima (avocado) (2).....	Do.
Calendra oryzae (rice weevil).....	Zea mays (corn).....	Do.
Chrysomphalus sp. (scale insect).....	Solanum muricatum (melon pear).....	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
<b>ECUADOR—continued.</b>		
<b>Insects—Continued.</b>		
Curculionid.....	Solanum tuberosum ("yungara" potato).....	District of Columbia.
Ephestia sp. (Pyralidae).....	Theobroma cacao (beans).....	California.
Howardia biclavus (mining scale).....	Persea gratissima (avocado).....	District of Columbia.
Lepidosaphes gloverii (Glover's scale).....	Citrus sinensis (orange).....	Florida.
Lepidosaphes sp. (scale insect).....	Carica sp. (papaya).....	District of Columbia.
Pseudaonidia sp. (scale insect).....	Persea gratissima (avocado).....	Do.
Pseudococcus bromeliae (pineapple mealybug).....	do.....	Do.
Tyroglyphus sp. (mite).....	Ananas sativus (pineapple).....	Do.
<b>Diseases:</b>		
Bacterium tumefaciens.....	Manetti rose stock.....	Connecticut.
Cephalothecium roseum.....	Solanum muricatum (melon pear).....	District of Columbia.
Colletotrichum gloeosporioides.....	Persea gratissima (avocado).....	Do.
Diplodia cacaicola.....	Persea gratissima (avocado) (4).....	Do.
Diplodia sp.....	Chorisia speciosa.....	California.*
<b>EGYPT.</b>		
<b>Insects:</b>		
Anthicid.....	Gossypium sp. (cotton) ("Assili").....	District of Columbia.
Aspidiotus lataniae (scale insect).....	Palm.....	Pennsylvania.*
Pectinophera gossypiella (pink bollworm).....	Gossypium sp. (cotton) ("Assili").....	District of Columbia.
Do.....	Gossypium sp. (cotton) (Egyptian).....	Do.
Do.....	Gossypium sp. (cotton seed) (4).....	Do.
Phoenicococcus marlatti (phoenicococcus scale).....	Phoenix dactylifera (date palm).....	California.
Thrips communis pulla (thrips).....	Palm.....	Pennsylvania.*
<b>ENGLAND.</b>		
<b>Insects:</b>		
Aegeria tipuliformis (Aegeriidae).....	Ribes sp. (currant).....	District of Columbia.
Agriolimax agrestis nigra (slug).....	In soil.....	Pennsylvania.*
Agriolimax agrestis reticulata (slug).....	do.....	Do.
Anuraphis tulipae (Aphididae).....	Iris sp. (Iris).....	District of Columbia.
Aspidiotus hederae (ivy scale).....	Orchid.....	Do.
Do.....	Palm.....	New York City.*
Do.....	do.....	Pennsylvania.*
Athous sp. (Elateridae).....	In soil.....	Do.
Aulacaspis rosae (rose scale).....	Rosa sp. (Rose).....	District of Columbia.
Campodea staphylinus (Thysanura).....	In soil.....	Pennsylvania.*
Cathartus advena (foreign grain beetle).....	Miscellaneous plants.....	Do.
Cionella lubrica (mollusk).....	In soil.....	Do.
Coccus hesperidum (soft brown scale).....	Orchid.....	District of Columbia.
Coccus sp. (scale insect).....	Tricuspidaria dependens.....	Do.
Curculionid.....	In soil.....	Pennsylvania.*
Diaspis boisduvalii (Boisduval's scale).....	Orchid (2).....	District of Columbia.
Diaspis bromeliae (scale insect).....	Orchid.....	Do.
Elaterid larva.....	Iris sp. (Iris).....	Do.
Emphytus cinctus (sawfly).....	Manetti rose stocks (2).....	Connecticut.
Do.....	Manetti rose stocks (8).....	Illinois.
Do.....	Manetti rose stocks (3).....	Indiana.
Do.....	Manetti rose stocks.....	Massachusetts.
Do.....	Manetti rose stocks (2).....	Pennsylvania.
Epochra sp. (Trypetidae).....	In soil.....	Pennsylvania.*
Gelechiid.....	Prunus sp. (damson).....	District of Columbia.
Lecaniine (scale insect).....	Worcester berry (cuttings).....	Do.
Lepidosaphes tuberculata (scale insect).....	Orchid.....	Do.
Lepidosaphes ulmi (oyster-shell scale).....	Cotoneaster sp. ("Forrest").....	Do.
Do.....	Crataegus rosea plena.....	Do.
Do.....	Pyrus salicifolia.....	Do.
Lepidosaphes sp. (scale insect).....	Cymbidium.....	Do.
Leptocera sp. (Borboridae).....	In soil.....	Pennsylvania.*
Mycetophilid.....	Iris sp. (iris).....	District of Columbia.
Myzocalles sp. (Aphididae).....	Grossularia sp.....	Pennsylvania.*
Myzus persicae (green peach louse).....	Chrysanthemum sp.....	Do.
Olethreutid.....	Grossularia sp.....	Pennsylvania.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
ENGLAND—continued.		
Insects—Continued.		
Ortalid.....	In soil.....	Pennsylvania.
Orthezia sp. (scale insect).....	Fern.....	Do.
Pectinophora gossypiella (pink bollworm).....	Gossypium sp. (cotton seed).....	New York City.*
Pseudococcus gahani (mealybug).....	Tricuspidaria dependens.....	District of Columbia.
Pseudococcus nipae (palm mealybug).....	Palm (2).....	Pennsylvania.*
Do.....	Palm.....	New York City.*
Saissetia hemisphaerica (hemispherical scale).....	Ornamental plant?.....	Pennsylvania.*
Tetranychus telarius (red spider).....	Dianthus caryophyllus (carnation).....	District of Columbia.
Thrips communis pulla (thrips).....	Chrysanthemum sp.....	Pennsylvania.*
Tortricid.....	Prunus sp. (damson).....	District of Columbia.
Tyroglyphus sp. (mite).....	Solanum tuberosum (Irish potato).....	Pennsylvania.*
Diseases:		
Actinomyces scabies.....	do.....	Maryland.*
Do.....	do.....	Massachusetts.*
Bacterium tumefaciens.....	Rosa sp. (rose).....	Indiana.
Botrytis cinerea.....	Rosa sp. (rose) (2).....	District of Columbia.
Botrytis parasitica.....	Iris sp. (iris) (6).....	Do.
Cladosporium herbarum.....	Iris sp. (iris).....	Do.
Colletotrichum cincta.....	Orchidaceae.....	California.*
Colletotrichum gloeosporioides.....	Clusia grandiflora.....	District of Columbia.
Do.....	Dianthus caryophyllus (carnation) (2).....	Do.
Fusarium sp.....	Solanum tuberosum (Irish potato).....	Pennsylvania.*
Heterosporium echinulatum.....	Dianthus caryophyllus (carnation).....	District of Columbia.
Macrosporium sp.....	Dianthus caryophyllus (carnation) (2).....	Do.
Oospora pustulans.....	Solanum tuberosum (Irish potato).....	Louisiana.*
Phytophthora infestans.....	Solanum tuberosum (Irish potato) (2).....	Massachusetts.*
Do.....	Solanum tuberosum (Irish potato).....	Pennsylvania.*
Rhizoctonia solani.....	do.....	Maryland.*
Sclerotium compactum.....	Iris sp. (iris).....	District of Columbia.
Spongopora solani.....	Solanum tuberosum (Irish potato).....	Florida.
Spongopora subterranea.....	do.....	Do.
Do.....	do.....	Pennsylvania.*
Vermicularia dematium.....	Iris sp. (iris) (2).....	District of Columbia.
FEDERATED MALAY STATES.		
Insects:		
Aspidiotus cocotiphagus (scale insect).....	Cocos nucifera (coconut).....	District of Columbia.
Lepidosaphes sp. (scale insect).....	do.....	Do.
Rhizoglyphus sp. (mite).....	do.....	Do.
FINLAND.		
Insect:		
Lachnid sp. (Aphididae).....	Pinus sp. (pine).....	Pennsylvania.*
FRANCE.		
Insects:		
Acratrichis sp. (Ptiliidae).....	Ribes sp. (currant).....	District of Columbia.
Acronycta rumicis (sorrel cutworm).....	Cydonia oblonga (quince) (2).....	Iowa.
Do.....	Manetti rose stock.....	Pennsylvania.*
Do.....	Prunus cerasus (cherry).....	Iowa.
Do.....	Manetti rose stock.....	Do.
Acronycta sp. (Noctuidae).....	do.....	New York City.*
Agilus viridis fagi (Buprestidae).....	Iris sp. (iris).....	Do.
Anuraphis tulipae (Aphididae).....	Cydonia oblonga (quince).....	Iowa.
Apatela auricoma (dagger-moth).....	Manetti rose stock.....	Do.
Do.....	Prunus cerasus (cherry).....	Do.
Do.....	Pyrus communis (pear).....	Nebraska.
Do.....	Cydonia oblonga (quince) (2).....	New York.
Aporia crataegi (white tree pierid) (nests).....	Malus sylvestris (apple) (2).....	Do.
Do.....	Malus sylvestris (apple) (4).....	Iowa.
Do.....	Malus sylvestris (apple).....	Indiana.
Do.....	do.....	Pennsylvania.*
Do.....	do.....	Pennsylvania.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
FRANCE—continued.		
Insects—Continued.		
<i>Aporia crataegi</i> (white tree pierid) (nests)....	Myrobolan stock (plum).....	Iowa.
Do.....	do.....	Nebraska.
Do.....	Nursery stock.....	Connecticut.
Do.....	<i>Pyrus communis</i> (pear).....	Indiana.
Do.....	do.....	Nebraska.
Do.....	do.....	New York.
Do.....	<i>Pyrus communis</i> (pear) (3).....	Iowa.
<i>Aporia</i> sp. (Papilionidae).....	<i>Malus sylvestris</i> (apple).....	New York.
Arctiid.....	Fruit tree stock.....	California.
<i>Aspidiotus hederae</i> (ivy scale).....	<i>Furcraea bedingansii</i> .....	District of Columbia.
Do.....	<i>Jasminum vineris grandiflora</i> .....	Do.
<i>Aspidiotus perniciosus</i> (San Jose scale).....	<i>Malus sylvestris</i> (apple).....	Texas.
<i>Aulacaspis pentagona</i> (West Indian peach scale).....	Manetti rose stock.....	Pennsylvania.*
<i>Aulacaspis</i> sp. (scale insect).....	do.....	Pennsylvania.
<i>Balaninus glandium</i> (Curculionidae).....	<i>Quercus ilex</i> (oak).....	District of Columbia.
<i>Balaninus</i> sp. (Curculionidae).....	<i>Quercus pubescens</i> (seed).....	Do.
<i>Calophasia lunula</i> (Noctuidae).....	Manetti rose stock.....	Connecticut.
Do.....	<i>Prunus cerasus</i> (cherry).....	Indiana.
<i>Carpophilus hemipterus</i> (Nitidulidae).....	<i>Lilium canadense</i> (bulbs).....	Pennsylvania.*
<i>Cathartus advena</i> (foreign grain beetle).....	Unknown bulbs.....	California.
Cecidomyid.....	<i>Hydrangea hortensis</i> ("La Marne").....	District of Columbia.
<i>Ceratina</i> sp. (Ceratinidae).....	Manetti rose stock.....	Do.
Do.....	do.....	Pennsylvania.*
<i>Chionaspis salicis</i> (willow scale).....	<i>Ribes</i> sp. (currant).....	District of Columbia.
<i>Chrysomphalus dictyospermi</i> (scale insect).....	<i>Citrus sinensis</i> (orange).....	Florida.
Do.....	<i>Jasminum vineris grandiflora</i> .....	District of Columbia.
<i>Coccotrypes dactyliperda</i> (Scolytidae).....	<i>Chaemarops elegans</i> (palm) (seed).....	Louisiana.*
<i>Coccus</i> sp. (scale insect).....	<i>Sarcococcus hookeriana</i> .....	District of Columbia.
<i>Cryptothrips dentipes</i> (thrips).....	<i>Lilium sandedum</i> (bulbs).....	New York City.*
<i>Emphytus cinctus</i> (sawfly).....	Manetti rose stock (2).....	Connecticut.
Do.....	Manetti rose stock.....	Pennsylvania.*
Do.....	do.....	Pennsylvania.
Do.....	do.....	Massachusetts.
<i>Emphytus</i> sp. (Emphytinae).....	do.....	District of Columbia.
<i>Epidiaspis piricola</i> (European pear scale).....	<i>Ribes</i> sp. (currant).....	Do.
<i>Euproctis chrysorrhoea</i> (brown-tail moth) (nests).....	<i>Crataegus oxyacantha</i> (trees).....	Do.
Do.....	<i>Cydonia oblonga</i> (quince) (2).....	Texas.
Do.....	<i>Cydonia oblonga</i> (quince).....	Connecticut.
Do.....	do.....	New York.
Do.....	Fruit stocks (3).....	New York City.*
Do.....	Fruit stocks.....	California.
Do.....	do.....	Iowa.
Do.....	do.....	Maryland.
Do.....	do.....	North Carolina.
Do.....	<i>Malus sylvestris</i> (apple) (2).....	Connecticut.
Do.....	do.....	New York.
Do.....	do.....	Ohio.
Do.....	<i>Malus sylvestris</i> (apple).....	Indiana.
Do.....	do.....	New Jersey.
Do.....	Manetti rose stock (2).....	Iowa.
Do.....	Manetti rose stock.....	Pennsylvania.*
Do.....	<i>Prunus cerasus</i> (cherry) (3).....	Iowa.
Do.....	<i>Prunus cerasus</i> (cherry).....	California.
Do.....	do.....	Indiana.
Do.....	<i>Prunus domestica</i> (plum).....	Iowa.
Do.....	do.....	New York City.*
Do.....	<i>Pyrus communis</i> (pear) (5).....	Iowa.
Do.....	<i>Pyrus communis</i> (pear).....	Illinois.
Do.....	do.....	Indiana.
<i>Illinoia</i> sp. (Aphididae).....	<i>Chrysanthemum</i> sp.....	Pennsylvania.*
<i>Laemophloeus pusillus</i> (Cucujidae).....	Unknown bulbs.....	California.



List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
FRANCE—continued.		
Insects—continued.		
Lepidosaphes ulmi (oyster-shell scale).....	Malus sylvestris (apple) (2).....	District of Columbia.
Do.....	"Pardis Jamie de Metz".....	Do.
Do.....	Syringa vulgaris (lilac).....	Do.
Do.....	Syringa sp.....	Do.
Malacosoma neustria (European lackey moth).....	Malus sylvestris (apple) (2).....	Iowa.
Malacosoma sp. (Lasicampidae).....	Malus sylvestris (apple).....	Pennsylvania.*
Mycetophilid.....	Narcissus sp. (bulbs).....	Do.
Mylabris obtectus (bean weevil).....	Phaseolus lunatus (lima beans).....	District of Columbia.
Mylabris pisorum (pea weevil).....	Pisum sativum (sugar pea).....	Do.
Myzus circumflexum (Aphididae).....	Hydrangea hortensis ("La Marne").....	Do.
Notolophus antiqua (European tussock moth).....	Prunus domestica (plum).....	Iowa.
Papilio podalirius (Papilionidae).....	Prunus cerasus (cherry) (3).....	Do.
Do.....	Prunus cerasus (cherry).....	Indiana.
Parlatoria pergandei (chaff scale).....	Citrus sinensis (orange).....	Florida.
Pieris rapae (European cabbage butterfly).....	Cydonia oblonga (quince) (2).....	Iowa.
Porthetria dispar (gypsy moth).....	Cydonia oblonga (quince).....	Pennsylvania.
Ptinid.....	Rhamnus cathartica (seeds).....	Do.
Rhizoglyphus hyacinthi (bulb mite).....	Hyacinthus sp. (hyacinth) (bulbs).....	Pennsylvania.*
Do.....	Narcissus sp. (narcissus) (bulbs).....	New York City.*
Do.....	do.....	Virginia.
Do.....	Unknown bulbs.....	Massachusetts.*
Rhizoglyphus sp. (mite).....	Narcissus sp. (narcissus) (bulbs).....	Virginia.
Rhyarochromus dilatatus (Lygaeidae).....	Fragaria sp. (strawberry).....	New York City.*
Scatopse sp. (Bibionidae).....	Narcissus sp. (narcissus) (bulbs).....	Virginia.
Stratiomyid.....	do.....	Do.
Thrips communis pulla (thrips).....	Chrysanthemum sp.....	Pennsylvania.*
Tinea sp. (Tineidae).....	Sabal hawaneensis.....	Louisiana.
Tineid.....	Rhamnus cathartica (seeds).....	Pennsylvania.*
Tortricid.....	Dianthus caryophyllus (carnation).....	District of Columbia.
Diseases:		
Acrostalagmus cinnabarinus.....	Canna sp.....	Do.
Do.....	Iris sp. (iris).....	Do.
Aspergillus repens.....	Davidia vilmorinae.....	Do.
Bacterium tumefaciens.....	Cydonia sp.....	Pennsylvania.*
Do.....	Lonicera hildebrandii.....	District of Columbia.
Do.....	Malus sp.....	Pennsylvania.*
Do.....	Prunus sp.....	Do.
Do.....	Rosa sp. (rose).....	District of Columbia.
Do.....	do.....	Pennsylvania.*
Botrytis cinerea.....	Hydrangea sp.....	District of Columbia.
Botrytis parasitica.....	Iris sp. (iris).....	Do.
Cephalothecium roseum.....	Chamadorea glonomiformes.....	Do.
Cephalosporium sp.....	Stachys tuberifera.....	Do.
Claviceps microcephala.....	Molinia caerulea.....	Do.
Coniosporium sp.....	Arundinaria fortunei.....	Do.
Do.....	Arundinaria pygmaea.....	Do.
Fusarium sp.....	Crataegus oxycantha.....	Do.
Heterodera radicola.....	Jasminum sp.....	Do.
Mycosphaerella fragariae.....	Fragaria sp. (strawberry).....	New York.*
Phragmidium sp.....	Rosa sp. (rose).....	Pennsylvania.*
Sclerotium sp.....	Iris sp. (iris).....	District of Columbia.
Tubercularia vulgaris.....	Syringa.....	Do.
GERMANY.		
Insects:		
Coccus hesperidum (soft brown scale).....	Myrtus communis (myrtle).....	New York City.*
Corticaria fulva (Lathridiidae).....	Wheat chaff.....	District of Columbia.
Eriococcus coccineus (scale insect).....	Cactus.....	Do.
Lecanium coryli (scale insect).....	"Schleiahms" (cherry cuttings).....	Do.
Pseudococcus sp. (mealybug).....	Cactus.....	Do.
Do.....	Selenicereus sp.....	Do.
Pyralis farinalis (Pyralidae).....	In packing about dahlia roots.....	Do.
Tetranychus telarius (red spider).....	Selenicereus sp.....	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
<b>GERMANY—continued.</b>		
Diseases:		
Puccinia graminis. ....	Agrostis stolonifera. ....	District of Columbia.
Sclerotium sp. (S. compactum?) .....	Iris sp. (iris) .....	Do.
<b>GRAND CAYMAN ISLAND.</b>		
Insects:		
Pseudococcus sp. (mealy bug) .....	Punica granatum (pomegranate) .....	Florida.
Targionia hartii (yam scale) .....	Dioscorea sp. (yam) .....	Do.
<b>GUADELOUPE.</b>		
Insect:		
Cerataphis lataniae (Aphididae) .....	Orchid .....	New York City.*
<b>GUATEMALA.</b>		
Insects:		
Alegoria dilatata (Tenebrionidae) .....	Musa sp. (banana) .....	Pennsylvania.*
Do. ....	Roots of Heliconia sp.? .....	District of Columbia.
Calendra oryzae (rice weevil) .....	Triticum aestivum (wheat) .....	Do.
Camponotus sp. (ant) .....	Musa sp. (banana) .....	Pennsylvania.*
Copturus sp. (Curculionidae) .....	Swietenia mahogani (mahogany) (logs) .....	California.
Epitrix cucumeris hirtula (Chrysomelidae) .....	In rubbish among Musa sp. ....	Pennsylvania.*
Eubulus sp. (Curculionidae) .....	Swietenia mahogani (mahogany) (logs) .....	Louisiana.*
Mylabris obtectus (bean weevil) .....	Beans (seed) (2) .....	District of Columbia.
Prionopelta sp. (ant) .....	Roots of Heliconia sp.? .....	Do.
Do. ....	Capsicum annuum (pepper) (pods) .....	Do.
Pyralid. ....	Heliconia paltanillo .....	Do.
Saissetia hemisphaerica (hemispherical scale) .....	Cactus .....	Do.
Solenopsis sp. (ant) .....	Roots of Heliconia sp.? .....	Do.
Do. ....	Swietenia mahogani (mahogany) (logs) .....	California.
Zabrotes pectoralis (Mylabridae) .....	Unknown seed .....	District of Columbia.
Diseases:		
Cephalothecium roseum .....	Annona diversifolia .....	Do.
Helminthosporium ravenelii .....	Sporobolus sp. ....	Do.
Puccinia graminis .....	Triticum sp. ....	Do.
<b>HAITI.</b>		
Insects:		
Carpophilus hemipterus (Nitidulidae) .....	Ipomoea batatas (sweet potato) .....	Pennsylvania.*
Carpophilus sp. (Nitidulidae) .....	do .....	Do.
Drosophila sp. (Drosophilidae) .....	Dioscorea sp. (yam) .....	New York City.*
Psychid. ....	Cottonseed meal .....	Do.
Rhizoglyphus hyacinthi (bulb mite) .....	Ipomoea batatas (sweet potato) .....	Pennsylvania.*
Rhizoglyphus sp. (mite) .....	Phylelephas seemannii (tagua nut) .....	New York City.*
Tribolium ferrugineum (rust red flour beetle) .....	Cottonseed meal .....	Do.
<b>HAWAII.</b>		
Insects:		
Aspidiotus cyanophylli (scale insect) .....	Cocos nucifera (coconut) .....	California.
Aspidiotus cydoniae (scale insect) .....	Cocos nucifera (coconut) (3) .....	Do.
Aspidiotus lataniae (scale insect) .....	Cocos nucifera (coconut) (7) .....	Do.
Do. ....	Polyalthia longifolia .....	District of Columbia.
Do. ....	Rubus macrae (giant raspberry) .....	Do.
Aspidiotus persearum (scale insect) .....	Cocos nucifera (coconut) .....	California.
Aulacaspis rosae (rose scale) .....	Rubus sp. (blackberry) .....	District of Columbia.
Bactrocera cucurbitae (melon fruit fly) .....	Cucumis sativus (cucumber) .....	California.
Do. ....	Lycopersicum esculentum (tomato) .....	Do.
Calendra oryzae (rice weevil) .....	Ti-plant .....	Do.
Carpophilus dimidiatus (Nitidulidae) .....	Koa wood .....	Do.
Carpophilus hemipterus (Nitidulidae) .....	Ti-plant .....	Do.
Carpophilus humeralis (Nitidulidae) .....	Musa sp. (banana) .....	Do.
Caryoborus gonagra (Mylabridae) .....	Ceratonia siliqua .....	Do.
Do. ....	Pink shower (Cassia sp.?) .....	District of Columbia.
Caryoborus sp. (Mylabridae) .....	Cassia modosa (seed) .....	Do.
Ceratitis capitata (Mediterranean fruit fly) .....	Coffea sp. (coffee) (berries) (5) .....	California.
Ceroplastes sp. (wax scale) .....	Ficus carica (figs) .....	Do.
Chelisoches morio (earwig) .....	Musa sp. (banana) .....	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
<b>HAWAII—continued.</b>		
<b>Insects—Continued.</b>		
Chionaspis inday (scale insect).....	Cocos nucifera (coconut) (4).....	California.
Chrysomphalus aonidum (Florida red scale).....	Citrus aurantifolia (lime).....	Do.
Do.....	Cocos nucifera (coconut) (46).....	Do.
Do.....	Cocos nucifera (coconut).....	Florida.
Do.....	do.....	Louisiana.*
Do.....	Polyalthea longifolia.....	District of Columbia.
Chrysomphalus dictyospermi (scale insect).....	Palm (seed).....	Do.
Chrysomphalus sp. (scale insect).....	Areca catechu (betel palm).....	California.
Coccus elongatus (long soft scale).....	Areca catechu (betel palm) (22).....	Do.
Do.....	Dracaena sp. (dracena).....	Do.
Do.....	Hibiscus sp.....	Do.
Do.....	Mangifera indica (mango).....	Do.
Coccus mangiferae (scale insect).....	Caladium sp.....	Do.
Do.....	Mangifera indica (mango).....	Do.
Coccus sp. (scale insect).....	Hibiscus sp.....	District of Columbia.
Do.....	Polyalthea longifolia.....	Do.
Do.....	Rubus sp. (blackberry).....	Do.
Curculionid larvæ.....	Solanum tuberosum (Irish potato).....	Pennsylvania.*
Cylas formicarius (sweet-potato weevil).....	Ipomoea batatas (sweet potato).....	California.
Diaspis boisduvalii (Boisduval's scale).....	Cocos nucifera (coconut).....	Do.
Diaspis bromeliæ (scale insect).....	Ananas sativus (pineapple) (49).....	Do.
Do.....	Ananas sativus (pineapple).....	Florida.
Do.....	Musa sp. (banana) (4).....	California.
Echocerus cornutus (Tenebrionidae).....	Saccharum officinarum (sugar cane).....	Do.
Hemichionaspis minor (scale insect).....	Cocos nucifera (coconut) (47).....	Do.
Do.....	Polyalthea longifolia.....	District of Columbia.
Do.....	Ti-plant.....	California.
Hemichionaspis sp. (scale insect).....	Palm.....	District of Columbia.
Howardia biclavus (mining scale).....	Hibiscus sp. (2).....	California.
Do.....	Unknown.....	District of Columbia.
Hypsmocoma sp. (Diplosaridae).....	Cocos nucifera (coconut) (10).....	California.
Ischnaspis longirostris (thread scale).....	Gardenia sp. (gardenia).....	Do.
Do.....	Palm.....	Do.
Lepidosaphes auriculata (scale insect).....	Croton sp. (croton).....	Do.
Lepidosaphes crotonis (scale insect).....	do.....	Do.
Lepidosaphes beckii (purple scale).....	Citrus sinensis (orange).....	Do.
Mylabris chinensis (Mylabridae).....	Unknown seed.....	Do.
Mylabris limbatus (Mylabridae).....	Acacia (seed) (2).....	Do.
Mylabris obtectus (bean weevil).....	Beans (2).....	Do.
Mylabris pruininus (Mylabridae).....	Willi Willi tree.....	District of Columbia.
Mylabris sallei (Mylabridae).....	Acacia (seed).....	California.
Do.....	Ceratonia siliqua (algaroba beans).....	Do.
Mylabris sp. (Mylabridae).....	Acacia (seed).....	Do.
Parlatoria pseudaspidotus (scale insect).....	Mangifera indica (mango).....	District of Columbia.
Pheidole megacephala (ant).....	Koa wood.....	California.
Pheidole sp. (ant).....	Saccharum officinarum (sugar cane).....	Do.
Phenacaspis eugeniae (scale insect).....	Aleurites molluccana (kukui nut).....	Do.
Do.....	Mangifera indica (mango).....	Do.
Phenacaspis inday (scale insect).....	Cocos nucifera (coconut).....	Do.
Phenacaspis sp. (scale insect).....	do.....	Do.
Do.....	Dictyospermi rubra (palm) (seed).....	Do.
Do.....	Hibiscus sp.....	Do.
Do.....	Palm (seed).....	Do.
Plodia interpunctella (Indian meal moth).....	do.....	Do.
Prenolepis sp. (ant).....	Cocos nucifera (coconut) (6).....	Do.
Psammoecus desjardinsi (Cucujidae).....	Musa sp. (banana) (2).....	Do.
Do.....	Koa wood.....	Do.
Pseudanidia clavigera (scale insect).....	Malus sylvestris (apple) (scions) (2).....	District of Columbia.
Pseudococcus adonidum (long-tailed mealy-bug).....	Hibiscus sp.....	California.
Pseudococcus bromeliæ (pineapple mealy-bug).....	Ananas sativus (pineapple) (53).....	Do.
Do.....	Musa sp. (banana) (4).....	Do.
Do.....	Musa sp. (banana).....	District of Columbia.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
<b>HAWAII—continued.</b>		
<b>Insects—Continued.</b>		
<i>Pseudococcus citri</i> (citrus mealybug).....	<i>Citrus aurantifolia</i> (lime).....	California.
<i>Pseudococcus nipae</i> (palm mealy bug).....	<i>Caladium</i> sp. ....	Do.
Do.....	<i>Dracaena</i> sp. (dracena).....	Do.
Do.....	Palm.....	Do.
<i>Pseudococcus proteus</i> (mealybug).....	<i>Croton</i> sp. (croton).....	Do.
<i>Pseudococcus virgatus</i> (mealybug).....	Hawaiian redberry.....	Do.
<i>Pseudococcus</i> sp. (mealybug).....	<i>Areca catechu</i> (betel palm) (2).....	Do.
Do.....	<i>Cocos nucifera</i> (coconut) (3).....	Do.
Do.....	<i>Croton</i> sp. (croton).....	Do.
Do.....	<i>Saccharum officinarum</i> (sugar cane).....	Do.
Pyralid.....	<i>Styphelia</i> sp. ....	District of Columbia.
<i>Ripersia palmarum</i> (scale insect).....	<i>Cocos nucifera</i> (coconut) (23).....	California.
<i>Saissetia nigra</i> (scale insect).....	<i>Areca catechu</i> (betel palm).....	Do.
Do.....	Hawaiian redberry.....	Do.
Do.....	<i>Hibiscus</i> sp. (3).....	Do.
Do.....	<i>Hibiscus</i> sp. ....	District of Columbia.
<i>Saissetia oleae</i> (black scale).....	do.....	California.
<i>Saissetia</i> sp. (scale insect).....	do.....	District of Columbia.
<i>Sternochetus mangiferae</i> (mango weevil).....	<i>Mangifera indica</i> (mango) (seed) (2).....	California.
<i>Tribolium confusum</i> (confused flour beetle).....	Beans (2).....	Do.
Do.....	<i>Musa</i> sp. (banana).....	Do.
<i>Tyroglyphus</i> sp. (mite).....	<i>Phytelephas seemannii</i> (ivory nut).....	District of Columbia.
<b>Diseases:</b>		
<i>Aspergillus repens</i> .....	<i>Puschkinia libanotica</i> .....	Do.
<i>Bacterium tumefaciens</i> .....	<i>Phlox decusata</i> .....	Do.
<i>Diplodia manihotis</i> .....	<i>Manihot utilissima</i> .....	Do.
<i>Fusarium</i> sp. ....	<i>Solanum tuberosum</i> (Irish potato).....	Pennsylvania.*
<i>Glomerella cingulata</i> .....	<i>Rubus</i> sp. ....	District of Columbia.
<i>Myxosporium</i> sp. ....	<i>Hibiscus</i> sp. ....	California.*
<i>Pestalozzia guepini</i> .....	<i>Mangifera indica</i> (mango).....	District of Columbia.
<b>HOLLAND.</b>		
<b>Insects:</b>		
<i>Anthicus floralis</i> (Anthicidae).....	<i>Hyacinthus</i> sp. (hyacinth) (bulbs).....	Virginia.
<i>Anthrenus sylvesteris</i> (Anthrenidae).....	In packing of <i>Rhododendron ponticum</i> .....	District of Columbia.
<i>Apatele auricoma</i> (dagger-moth).....	<i>Prunus cerasus</i> (cherry).....	Iowa.
<i>Aspidiotus hederæ</i> (ivy scale).....	Palm.....	Pennsylvania.*
<i>Athous niger</i> (Elateridae).....	<i>Astilbe</i> sp. ....	District of Columbia.
<i>Brachyrhinus sulcatus</i> (Otiiorhynchidae).....	do.....	Do.
<i>Calendra oryzae</i> (rice weevil).....	<i>Hyacinthus</i> sp. (hyacinth) (bulbs).....	Virginia.
<i>Carpophilus dimidiatus</i> (Nitidulidae).....	do.....	Do.
Do.....	<i>Narcissus</i> sp. (narcissus) (bulb).....	Pennsylvania.*
<i>Cathartus advena</i> (foreign grain beetle).....	<i>Hyacinthus</i> sp. (hyacinth) (bulbs) (2).....	California.
Do.....	do.....	Virginia.
Do.....	<i>Iris</i> sp. (iris).....	District of Columbia.
<i>Cecidomyia</i> sp. (Cecidomyiidae).....	<i>Hyacinthus</i> sp. (hyacinth) (bulbs).....	Pennsylvania.*
<i>Cecidomyid</i> .....	do.....	Maryland.*
Do.....	<i>Hyacinthus</i> sp. (hyacinth) (bulbs) (7).....	Pennsylvania.*
Do.....	<i>Narcissus</i> sp. (narcissus) (bulbs) (3).....	Do.
Do.....	<i>Rosa</i> sp. (rose).....	District of Columbia.
<i>Cidaria fluctuata</i> (Geometridae).....	<i>Taxus</i> sp. (yew).....	Do.
<i>Curculionid</i> .....	<i>Astilbe</i> sp. (clumps of).....	Do.
Do.....	In soil.....	Do.
<i>Emphytus cinctus</i> (sawfly).....	<i>Manetti rose stock</i> .....	Illinois.
Do.....	do.....	Indiana.
<i>Empoasca</i> (Cicadellidae).....	<i>Taxus</i> sp. (yew).....	District of Columbia.
<i>Eumerus strigatus</i> (lesser bulb fly).....	<i>Hyacinthus</i> sp. (hyacinth) (bulbs).....	Pennsylvania.*
Do.....	<i>Narcissus</i> sp. (narcissus) (bulbs) (2).....	Virginia.
<i>Euproctis chrysorrhoea</i> (brown-tail moth) (nests).....	Fruit seedlings.....	South Carolina.
<i>Forficula auricularia</i> (common European earwig).....	<i>Rhododendron ponticum</i> .....	District of Columbia.
<i>Hemichionaspis aspidistrae</i> (aspidistra scale).....	<i>Cordylone terminalis</i> .....	Florida.
<i>Hepialus</i> sp. (Hepialidae).....	<i>Paeonia</i> sp. (roots).....	District of Columbia.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
HOLLAND—continued.		
Insects—Continued.		
Languria sp. (Erotylidae).....	Phlox sp. (phlox).....	District of Columbia.
Lasioderma serricorne (cigarette beetle).....	Gossypium sp. (cotton) (seed).....	California.
Lecanium sp. (scale insect).....	Taxus cuspidata capitata.....	District of Columbia.
Limosina sp. (Borboridae).....	Hyacinthus sp. (hyacinth) (bulbs).....	Pennsylvania.*
Lyctocoris campestris (Anthocoridae).....	do.....	Do.
Merodon equestris (narcissus fly).....	Narcissus sp. (narcissus) (bulbs).....	New Jersey.
Do.....	do.....	Virginia.
Do.....	Unknown bulbs.....	California.
Mycetophilid.....	Hyacinthus sp. (hyacinth) (bulbs).....	Pennsylvania.*
Myzus sp. (Aphididae).....	Unknown plant.....	Do.
Oryzaephilus surinamensis (saw-toothed grain beetle).....	Buckwheat chaff.....	District of Columbia
Piezostethus galactinus (Anthocoridae).....	Hyacinthus sp. (hyacinth) (bulbs).....	Virginia.
Platypezid.....	do.....	Do.
Prolabia arachidis (Forficulidae).....	do.....	Do.
Pyralis farinalis (Pyralidae).....	Paenonia sp. (peony) (roots).....	District of Columbia.
Pyralis sp. (Pyralidae).....	Tulipa sp. (tulip) (bulbs).....	Pennsylvania.*
Rhizoglyphus hyacinthi (bulb mite).....	Crocus sp. (crocus) (bulbs) (2).....	Do.
Do.....	Hyacinthus sp. (hyacinth) (bulbs) (10).....	Do.
Do.....	Hyacinthus sp. (hyacinth) (bulbs) (2).....	Virginia.
Do.....	Narcissus sp. (narcissus) (bulbs).....	Maryland.*
Do.....	do.....	District of Columbia.
Do.....	Narcissus sp. (narcissus) (bulbs) (5).....	Pennsylvania.*
Do.....	Narcissus sp. (narcissus) (bulbs) (2).....	Virginia.
Do.....	Tulipa sp. (tulip) (bulbs) (5).....	Pennsylvania.*
Rhizoglyphus sp. (mite).....	Crocus sp. (crocus) (bulbs).....	Do.
Do.....	Hyacinthus sp. (hyacinth) (bulbs) (2).....	California.
Do.....	Hyacinthus sp. (hyacinth) (bulbs).....	Maryland.*
Do.....	do.....	Virginia.
Do.....	Narcissus sp. (narcissus) (bulbs) (2).....	California.
Do.....	Unknown bulbs.....	Do.
Sapromyza sp. (Sapromyzidae).....	Zinnia sp. ....	Pennsylvania.*
Sciara sp. (Mycetophilidae).....	Gladiolus sp. (gladiolus) (bulb).....	New York City.*
Do.....	Hyacinthus sp. (hyacinth) (bulbs).....	Virginia.
Do.....	Narcissus sp. (narcissus) (bulbs).....	Pennsylvania.*
Tenebrio molitor (meal-worm).....	Buckwheat hulls used as packing around bulbs.....	Do.
Do.....	Hyacinthus sp. (hyacinth) (bulb).....	Maryland.*
Tenebrionid.....	do.....	Virginia.
Thrips tabaci (onion thrips).....	do.....	Maryland.*
Tribolium confusum (confused flour beetle).....	Buckwheat hulls (packing).....	California.
Do.....	Unknown bulbs.....	Do.
Tyroglyphus sp. (mites).....	Solanum tuberosum (Irish potato).....	Oregon.*
Diseases:		
Actinomyces scabies.....	do.....	Pennsylvania.*
Bacterium tumefaciens.....	Azalea pontica.....	District of Columbia.
Do.....	Pyrus sp. (2).....	Arkansas.
Do.....	do.....	Pennsylvania.
Botrytis cinerea.....	Astilbe sp. ....	District of Columbia.
Do.....	Azalea sp. ....	Do.
Do.....	Ilex laevigata.....	Do.
Do.....	Paenonia officinalis.....	Do.
Do.....	Rhododendron (4).....	Do.
Do.....	Tritoma rufa.....	Do.
Botrytis parasitica.....	Gladiolus sp. (gladiolus).....	Do.
Do.....	Narcissus sp. (narcissus).....	Do.
Do.....	Tulipa sp. (tulip).....	Pennsylvania.*
Exobasidium vaccinii.....	Azalea malvatica.....	District of Columbia.
Fusarium sp. ....	Solanum tuberosum (Irish potato).....	Pennsylvania.*
Gymnosporangium sp.....	Juniperus virginiana.....	District of Columbia.
Pestalozzia guepini.....	Rhododendron amphion.....	Do.
Do.....	Rhododendron sp. (5).....	Do.
Rhizoctonia solani.....	Solanum tuberosum (Irish potato).....	Pennsylvania.*
Septoria gladioli.....	Gladiolus sp. (gladiolus) (2).....	District of Columbia.
Spongospora subterranea.....	Solanum tuberosum (Irish potato).....	Pennsylvania.*

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
<b>INDIA.</b>		
<b>Insects:</b>		
Adoretus sp. (Scarabaeidae).....	In packing.....	Pennsylvania.*
Anthicus sp. (Anthicidae).....	Holcus sp. (sorghum seed).....	District of Columbia.
Aspidiotus destructor (scale insect).....	Palm.....	Pennsylvania.*
Asterolecanium sp. (scale insect).....	Garcinia mangostana (mangosteen plant).....	Hawaii.*
Calendra granaria (granary weevil).....	Zea mays (seed corn, American).....	Pennsylvania.*
Calendra oryzae (rice weevil).....	Dendrocalamus sikkimensis.....	District of Columbia.
Do.....	Holcus sp. (sorghum seed).....	Do.
Cathartus advena (foreign grain beetle).....	Cerantonis siliqua (algaroba pods).....	California.
Ceroplastes sp. (scale insect).....	Unknown.....	Pennsylvania.*
Chrysomphalus aonidum (scale insect).....	Hydnocarpus anthelminticus.....	Hawaii.*
Chrysomphalus sp. (scale insect).....	Corypha umbraculifera (talipot palm).....	District of Columbia.
Clerid.....	Ficus sp.....	Hawaii.*
Dolichopodid.....	do.....	Do.
Euproctis icilia (Lymantriidae) (larva).....	do.....	Do.
Icerya sp. (scale insect).....	Unknown.....	Do.
Laemophloeus ferrugineus (Cucujidae).....	Zea mays (seed corn, American).....	Pennsylvania.*
Do.....	Dendrocalamus sikkimensis.....	District of Columbia.
Lophocateres pusillus (Nitidulidae).....	Gossypium sp. (cotton seed).....	Do.
Melania tuberculata (Mollusca).....	In packing.....	Pennsylvania.*
Mylabris chinensis (Mylabridae).....	Lens sp. (lentils).....	California.
Mylabris sp. (Mylabridae).....	Cyanopsis psoraloides seed ("pardeshi guar").....	District of Columbia.
Necrobia rufipes (red-legged ham beetle).....	Copra.....	New York.*
Oryzaephilus surinamensis (saw-toothed grain beetle).....	Holcus sp. (sorghum seed).....	District of Columbia.
Do.....	Oryzae sativa (black rice).....	Do.
Do.....	Zea mays (seed corn, American).....	Pennsylvania.*
Pachymerus sp. (Mylabridae).....	Hiptage madablota.....	District of Columbia.
Parlatoria sp. (scale insect).....	Zizyphus xyloporus.....	Do.
Pectinophora gossypiella (pink bollworm).....	Cotton, wild.....	Do.
Pentatomid.....	Ficus sp.....	Hawaii.*
Phalacrus sp. (Phalacridae).....	Holcus sp. (sorghum seed).....	District of Columbia.
Phenacaspis sp. (scale insect).....	Mangifera indica (mango budwood).....	Do.
Phthorimaea operculella (potato tuber moth).....	Solanum tuberosum (Irish potatoes).....	Massachusetts.*
Phyciodes sp. (Nymphalidae).....	Ficus sp.....	Hawaii.*
Pseudococcus adonidum (long-tailed mealybug).....	Dipladenia harrisii.....	Do.
Pseudococcus sp. (mealybug).....	Ficus sp.....	Do.
Pyralid.....	Mangifera indica (mango seed).....	Florida.
Rhizopertha dominica (Bostrichidae).....	Holcus sp. (sorghum seed).....	District of Columbia.
Subulina indica (Mollusca).....	In packing.....	Pennsylvania.*
Tenebrioides mauritanica (The cadelle).....	Zea mays (seed corn, American).....	Do.
Tenebrioides sp. (Trogositidae).....	Oryza sativa (black rice).....	District of Columbia.
Tipulid.....	Bougainvillea sp.....	New York.*
Tribolium confusum (confused flour beetle).....	In packing.....	Pennsylvania.*
Do.....	Gossypium sp. (cotton seed).....	New York.*
Do.....	Holcus sp. (sorghum seed).....	District of Columbia.
Trogositid larva.....	Gossypium sp. (cotton seed).....	New York.*
<b>Diseases:</b>		
Aspergillus repens.....	Randia uliginosa.....	District of Columbia.
Diplodia cacaoicola.....	Bossia latifolia.....	Do.
Do.....	Sterculia macrophylla.....	Do.
<b>INDO-CHINA, FRENCH.</b>		
<b>Disease:</b>		
Aspergillus repens.....	Artocarpus sp. (breadfruit).....	District of Columbia.
<b>IRELAND.</b>		
<b>Insects:</b>		
Chrysomphalus dictyospermi (scale insect).....	Citrus sinensis (orange).....	Florida.
Emphtus cinctus (sawfly).....	Rosa manetti (rose) (2).....	Pennsylvania.
Do.....	Rosa sp. (rose).....	District of Columbia.
Parlatoria pergandei (chaff scale).....	Citrus sinensis (orange).....	Florida.
Parlatoria ziziphi (scale insect).....	do.....	Do.
Pulvinaria sp. (scale insect).....	Grossularia sp. (gooseberry cuttings).....	Pennsylvania.*
Tetramorium caespitum (ant).....	In cuttings of Ribes and Grossularia.....	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
IRELAND—continued.		
Diseases:		
Bacterium tumefaciens.....	Rosa manetti (rose) (2).....	Pennsylvania.*
Botrytis cinerea.....	Rosa sp. (rose) (2).....	District of Columbia.
Phragmidium sp.....	Rosa sp. (rose).....	Washington.*
ISLE OF PINES.		
Insects:		
Aleurothrixus howardi (wooly white fly).....	Citrus grandis (grapefruit).....	Florida.
Lepidosaphes beckii (purple scale).....	do.....	Do.
Do.....	Citrus sp.....	Do.
Termes sp. (termite).....	Coccoloba uvifera (sea grape).....	Do.
ITALY.		
Insects:		
Alphitobius diaperinus (Tenebrionidae).....	In flour.....	Louisiana.*
Amalia sp. (mollusk).....	In soil.....	Pennsylvania.*
Anthomyid.....	Cynodon dactylon (Bermuda grass).....	Do.
Do.....	In soil.....	Do.
Aphodius sp. (Scarabaeidae).....	do.....	Do.
Apion sp. (Curculionidae).....	Unknown.....	Do.
Aspidiotus britannicus (scale insect).....	Palm.....	New York.*
Aspidiotus hederae (ivy scale).....	Citrus limonia (lemon).....	California.
Do.....	do.....	New York.*
Do.....	do.....	Pennsylvania.*
Do.....	Jasminum sp. (jasmine).....	New York.*
Do.....	Palm.....	Do.
Do.....	do.....	Pennsylvania.*
Aspidiotus sp. (scale insect).....	Ficus sp. (fig stock).....	Do.
Athetis furicornis (Noctuidae).....	Cynodon dactylon (Bermuda grass).....	Do.
Aulacaspis rosae (rose scale).....	Rosa sp. (rose).....	Do.
Balaninus sp. (Curculionidae).....	Castanea sp. (chestnut) (2).....	California.
Bythinus sp. (Pselaphidae).....	In packing.....	Pennsylvania.*
Calendra oryzae (rice weevil).....	Castanea sp. (chestnut).....	Do.
Do.....	Chrysanthemum sp.....	Do.
Do.....	Zea everta (pop corn).....	Do.
Camptopus lateralis (Alydidae).....	In packing.....	Do.
Cebrio sp. (Elateroidea).....	Dianthus sp. (carnation).....	Do.
Ceroplastes rusci (wax scale).....	Ficus sp. (fig) (2).....	Do.
Chionaspis euonymi (euonymus scale).....	Euonymus sp.....	Massachusetts.*
Chironomid.....	Dianthus sp. (carnation).....	Pennsylvania.*
Do.....	Rosa sp. (rose).....	Do.
Chrysomphalus aurantii (California red scale).....	Citrus sinensis (orange).....	Do.
Chrysomphalus dictyospermi (scale insect).....	Citrus limonia (lemon).....	Do.
Do.....	Laurus nobilis (laurel).....	New York.*
Do.....	Unknown.....	Pennsylvania.*
Coccus hesperidum (soft brown scale).....	Palm.....	Do.
Coninomus constrictus (Lathridiidae).....	Cynodon dactylon (Bermuda grass).....	Do.
Coninomus nodifer (Lathridiidae).....	do.....	Do.
Corticaria elongata (Lathridiidae).....	do.....	Do.
Curculionid larva.....	In soil about plants.....	Do.
Cylisticus convexus (Isopod).....	In packing.....	Do.
Diaspis zamiae (scale insect).....	Metroxylon sagu (sago palm).....	Do.
Dorcatypus funestus (Cerambycidae).....	Ficus sp. (fig).....	New York.*
Embia mauritanica (Embiidae).....	In packing.....	Pennsylvania.*
Enicmus minutus (Lathridiidae).....	Cynodon dactylon (Bermuda grass).....	Do.
Ephestia elutella (Pyralidae).....	Ceratonia siliqua (St. John's Bread).....	California.
Fannia sp. (Anthomyiidae).....	Solanum tuberosum (potato).....	Pennsylvania.*
Fiorinia fioriniae (scale insect).....	Camellia sp.....	Massachusetts.*
Do.....	Palm.....	Pennsylvania.*
Geometrid.....	In soil.....	Do.
Glyphodes unionalis (Pyralidae).....	do.....	Massachusetts.*
Haploembia sp. (exotic neuropteroid).....	Rosa sp. and Vitis sp.....	Pennsylvania.*
Haplophthalmus mengii (spider).....	In soil.....	Do.
Hemichionaspis aspidistrae (aspidistra scale).....	Fern.....	Do.
Laemophloeus ferrugineus (Cucujidae).....	Cynodon dactylon (Bermuda grass).....	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
ITALY—continued.		
Insects—Continued.		
Lepidosaphes beckii (purple scale).....	Citrus limonia (lemon) (2).....	California.
Do.....	Citrus limonia (lemon).....	New York.*
Do.....	Citrus limonia (lemon) (2).....	Pennsylvania.*
Do.....	Citrus sinensis (orange).....	Do.
Do.....	Citrus sp.....	New York.*
Lepidosaphes conchiformis (scale insect).....	Ficus carica (fig).....	District of Columbia.
Do.....	Ficus sp. (fig) (2).....	Pennsylvania.*
Malachius sp. (Melyridae).....	In soil.....	Do.
Monopis ferruginella (Tineidae).....	Cynodon dactylon (Bermuda grass).....	Do.
Monopis imella (Tineidae).....	In packing for plants.....	Do.
Monopis sp. (Tineidae).....	do.....	Do.
Mylabris lentis (lentil weevil).....	Lens sp. (lentil).....	Do.
Mylabris luteicornis (Mylabridae).....	Pisum sp. (peas) and other legumes.....	Do.
Mylabris rufimanus (Mylabridae).....	Beans (Italian).....	Do.
Neuropteroid larvæ.....	In packing.....	Do.
Ortalid (dipterous puparia).....	Unknown.....	Do.
Oscinid larvæ.....	Dianthus sp. (carnation).....	Do.
Parlatoria pergandei (chaff scale).....	Citrus limonia (lemon).....	Do.
Parlatoria zizyphus (scale insect).....	do.....	Do.
Parlatoria sp. (scale insect).....	do.....	California.
Philoscia sp. (spider).....	In soil.....	Pennsylvania.
Plinthisus brevipennis (Lygaeidae).....	In packing.....	Do.
Plodia interpunctella (Indian meal moth).....	Filbert necklace.....	California.
Plodia sp. (Pyralidae).....	Gossypium sp. (cotton waste).....	New York.*
Pseudococcus adonidum (long-tailed mealybug).....	Palm, ornamental.....	Pennsylvania.*
Pseudococcus citri (mealybug).....	Chayota edulis (chayote).....	Massachusetts.*
Do.....	Ficus sp. (fig).....	Pennsylvania.*
Pseudococcus sp. (mealybug).....	Citrus limonia (lemon).....	California.
Pterophorid.....	In soil.....	Pennsylvania.*
Pulvinaria vitis (scale insect).....	Vitis sp. (grape) (2).....	Do.
Pyralid.....	Cynodon dactylon (Bermuda grass).....	Do.
Do.....	Gossypium sp. (cotton waste).....	New York.*
Saissetia oleae (black scale).....	Citrus limonia (lemon).....	Do.
Do.....	do.....	Pennsylvania.*
Do.....	Metroxylon sagu (sago palm).....	Do.
Scaphidid larva.....	In soil.....	Do.
Sciara sp. (Mycetophilidae).....	Dianthus sp. (carnation).....	Do.
Do.....	In soil (2).....	Do.
Sitodrepa panicea (drug store beetle).....	Seeds (unknown).....	Oregon.*
Sitotroga cerealella (angoumois grain moth).....	Zea everta (pop corn).....	Pennsylvania.*
Tenebrio molitor (meal worm).....	Cynodon dactylon (Bermuda grass).....	Do.
Do.....	In passenger's baggage.....	Do.
Tetramorium caespitum (ant).....	Lens sp. (lentil).....	Do.
Tipula sp. (Tipulidae).....	In soil.....	Do.
Tortricid.....	Dianthus sp. (carnation).....	Do.
Trichopteryx intermedia (Ptiliidae).....	In packing.....	Do.
Tyroglyphid (mite).....	Vitis sp. (grape).....	Do.
Volucella obesa.....	Cucumis sativus (cucumber).....	California.
Diseases:		
Acrostalagmus cinnabarinus.....	Solanum tuberosum (Irish potato).....	Oregon.*
Fusarium sp.....	do.....	Do.
Heterodera radicola.....	do.....	Pennsylvania.*
Phytophthora infestans.....	do.....	Do.
JAMAICA.		
Insects:		
Aleurocanthus woglumi (spiny citrus white fly).....	Citrus nobilis (tangerine).....	Louisiana.*
Do.....	Citrus nobilis (tangerine) (2).....	New York.*
Do.....	Citrus sinensis (orange) (2).....	Do.
Do.....	Citrus sp.....	Louisiana.*
Do.....	do.....	New York.*



List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
<b>JAMAICA—continued.</b>		
<b>Insects—Continued.</b>		
Aleurocanthus sp. (white fly).....	Citrus nobilis (tangerine) (2).....	New York.*
Do.....	Citrus sinensis (orange).....	Do.
Do.....	Citrus sp.....	Louisiana.*
Do.....	do.....	New York.*
Alphitobius piceus (Tenebrionidae).....	Oryza sativa (rice).....	Maryland.*
Alphitobius sp. (Tenebrionidae).....	Musa sp. (banana waste).....	Pennsylvania.*
Anastrepha fraterculus (West Indian fruit fly).....	Mangifera indica (mango).....	Louisiana.*
Anthomyid.....	In fruit basket.....	Pennsylvania.*
Aspidiotus sp. (scale insect).....	Hibiscus sp.....	New York.*
Ataenius sp. (Scarabaeidae).....	In soil.....	Pennsylvania.*
Attagenus piceus (Dermestidae).....	Musa sp. (banana foliage).....	Maryland.*
Aulacaspis pentagona (West Indian peach scale).....	Carica papaya (papaya).....	Louisiana.*
Do.....	Carica papaya (papaya) (3).....	New York.*
Do.....	Croton sp.....	Pennsylvania.*
Blastobasis.....	Musa sp. (banana leaf waste).....	Do.
Bomolocha baltimoralis (Noctuidae).....	Musa sp. (banana).....	Do.
Carpophilus dimidiatus (Nitidulidae).....	Oryza sativa (rice).....	Maryland.*
Carpophilus hemipterus (Nitidulidae).....	Musa sp. ("horse" banana).....	Pennsylvania.*
Chionaspis citri (scale insect).....	Citrus grandis (grapefruit).....	Maryland.*
Do.....	Citrus sp. (2).....	New York.*
Chironomid larvæ.....	Ananas sativus (pineapple) (2).....	Pennsylvania.*
Chrysomphalus dictyospermi (scale insect).....	Musa sp. (banana leaf waste).....	Do.
Do.....	Persea gratissima (avocado).....	Maryland.*
Chrysomya demandata (Ortaliidae).....	Musa sp. (banana leaf waste).....	Pennsylvania.*
Coccus elongatus (long soft scale).....	Croton sp.....	Massachusetts.*
Coccus sp. (scale insect).....	Carica papaya (papaya) (2).....	New York.*
Corythuca gossypii (Tingididae).....	Musa sp. (banana fruit).....	Maryland.*
Curculionid larva.....	Ipomoea batatas (sweet potato).....	Do.
Do.....	do.....	New York.*
Diaspis boisduvalii (scale insect).....	Cocos nucifera (coconut palm).....	Maryland.*
Do.....	Cocos nucifera (coconuts) (2).....	Pennsylvania.*
Ereunetis minuscula (Tineidae).....	Musa sp. (banana leaf waste).....	Do.
Eusecepes batatae (West Indian sweet-potato weevil).....	Ipomoea batatas (sweet potatoes).....	Louisiana.*
Forficula sp. (earwig).....	Musa sp. (banana waste).....	Pennsylvania.*
Hemichionaspis aspidistrae (aspidistra scale).....	Annona muricata (sour sop).....	Do.
Heteropoda venatoria (spider).....	Musa sp. (banana foliage).....	Maryland.*
Do.....	Unknown.....	Pennsylvania.*
Ischnaspis longirostris (thread scale).....	Citrus sp. (citrus fruit).....	Do.
Do.....	Cocos nucifera (coconut palm).....	Maryland.*
Do.....	Cocos nucifera (coconut).....	New York.*
Jassid nymph.....	Musa sp. (banana leaf waste).....	Pennsylvania.*
Lepidosaphes beekii (purple scale).....	Citrus aurantifolia (lime) (2).....	Do.
Do.....	Citrus grandis (grapefruit).....	Maryland.*
Do.....	do.....	New York.*
Do.....	Citrus limonia (lemon).....	Pennsylvania.*
Do.....	Citrus nobilis (tangerine).....	Louisiana.*
Do.....	Citrus nobilis (tangerine) (5).....	New York.*
Do.....	Citrus sinensis (orange).....	California.
Do.....	Citrus sinensis (orange) (4).....	New York.*
Do.....	Citrus sp.....	Louisiana.*
Do.....	Citrus sp. (2).....	New York.*
Do.....	Citrus sp.....	Pennsylvania.*
Lepidosaphes sp. (scale insect).....	Croton sp.....	New York.*
Lyctocoris sp. (Anthocoridae).....	Musa sp. (banana leaf waste).....	Pennsylvania.*
Mirid.....	Musa sp. (banana).....	Maryland.*
Monodius sp. (Monodiidae).....	do.....	Pennsylvania.*
Monomorium floricola (ant).....	Musa sp. (banana leaf waste).....	Do.
Nephila clavipes (spider).....	Musa sp. (banana fruit).....	Maryland.*
Opogona sp. (Tineidae).....	Musa sp. (banana foliage).....	Do.
Do.....	Musa sp. (banana leaf waste).....	Pennsylvania.*

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
<b>JAMAICA—continued.</b>		
<b>Insects—Continued.</b>		
<i>Oryzaephilus surinamensis</i> (saw-toothed grain beetle).....	<i>Oryza sativa</i> (rice).....	Maryland.*
<i>Palaeopus dioscoreae</i> (Curculionidae).....	<i>Dioscorea</i> sp. (yam).....	Pennsylvania.*
<i>Parlatoria pergandei</i> (chaff scale).....	<i>Croton</i> sp.....	Massachusetts.*
<i>Pheidole</i> sp. (ant).....	<i>Ananas sativus</i> (pineapple).....	Pennsylvania.*
Do.....	<i>Cocos nucifera</i> (coconut palm).....	Maryland.*
Do.....	<i>Ipomoea batatas</i> (sweet potato).....	Pennsylvania.*
Do.....	<i>Zea mays</i> (corn).....	Do.
<i>Pinnaspis buxi</i> (scale insect).....	<i>Cocos nucifera</i> (coconut palm).....	Maryland.*
<i>Pleurodonte aspera</i> (snail).....	<i>Musa</i> sp. (banana).....	Do.
<i>Prenolepis longicornis</i> (ant).....	<i>Citrus grandis</i> (grapefruit).....	Do.
Do.....	<i>Musa</i> sp. (banana leaf waste) (2).....	Pennsylvania.*
Do.....	<i>Solanum tuberosum</i> (Irish potatoes).....	Do.
<i>Prenolepis</i> sp. (ant).....	Herbs.....	Do.
<i>Pseudonidia articulatus</i> (scale insect).....	<i>Citrus nobilis</i> (tangerine) (2).....	New York.*
Do.....	<i>Citrus sinensis</i> (orange).....	Do.
Do.....	<i>Citrus</i> sp.....	Do.
Do.....	<i>Musa</i> sp. (banana leaves).....	Florida.
<i>Pseudococcus adonidum</i> (long-tailed mealy bug).....	<i>Croton</i> sp.....	Massachusetts.*
Do.....	do.....	New York.*
Do.....	do.....	Pennsylvania.*
<i>Pseudococcus bromeliae</i> (pineapple mealy bug).....	<i>Ananas sativus</i> (pineapple) (2).....	Do.
Do.....	<i>Punica</i> sp. (pomegranate).....	New York.*
<i>Pseudococcus citri</i> (citrus mealybug).....	<i>Chayota edulis</i> (chayote).....	Pennsylvania.*
Do.....	<i>Punica granatum</i> (pomegranate).....	New York.*
<i>Pseudococcus nipae</i> (scale insect).....	<i>Cocos nucifera</i> (coconut palm).....	Maryland.*
Do.....	<i>Musa</i> sp. (banana stalk).....	Pennsylvania.*
<i>Pseudococcus</i> sp. (mealybug).....	<i>Citrus</i> sp.....	New York.*
<i>Pulvinaria</i> sp. (scale insect).....	<i>Citrus nobilis</i> (tangerine).....	Do.
<i>Pyralid</i> .....	<i>Dioscorea</i> sp. (yam).....	Do.
<i>Saissetia oleae</i> (black scale).....	<i>Citrus</i> sp.....	Do.
<i>Sciara</i> sp. (Mycetophilidae).....	<i>Capsicum annuum</i> (peppers).....	Maryland.*
<i>Strategus litanus</i> (Scarabaeidae).....	<i>Musa</i> sp. (banana).....	Do.
<i>Thyreocoris</i> sp. (Thyreocoridae).....	<i>Musa</i> sp. (banana leaf waste).....	Do.
<i>Trypetid</i> .....	<i>Chrysophyllum cainito</i> (star apple).....	Louisiana.*
<i>Veronicella sloanii</i> (slug).....	<i>Musa</i> sp. (banana).....	Pennsylvania.*
<i>Xyloryctes jamaicensis</i> (Scarabaeidae).....	do.....	New York.*
<b>Diases:</b>		
<i>Cladosporium citri</i> .....	<i>Citrus aurantifolia</i> (lime).....	Pennsylvania.*
Do.....	<i>Citrus limonia</i> (lemon).....	Do.
<i>Thielaviopsis paradoxa</i> .....	<i>Saccharum officinarum</i> (sugar cane).....	Do.
<b>JAPAN.</b>		
<b>Insects:</b>		
<i>Aleurocanthus spiniferus</i> (white fly).....	<i>Citrus</i> sp.....	Maryland.
<i>Aspidiotus perniciosus</i> (San Jose scale).....	<i>Prunus</i> sp. (prune).....	California.
<i>Aulacaspis pentagona</i> (West Indian peach scale).....	do.....	Do.
<i>Aulacaspis rosae</i> (rose scale).....	<i>Rosa</i> sp. (rose).....	Do.
<i>Camponotus</i> sp. (carpenter ant).....	Unknown.....	Oregon.*
<i>Cathartus advena</i> (foreign grain beetle).....	Pine nuts.....	California.
<i>Ceroplastes floridensis</i> (Florida wax scale).....	<i>Pyrus communis</i> (pear) (cuttings).....	Do.
<i>Ceroplastes rubens</i> (wax scale).....	<i>Citrus</i> sp.....	District of Columbia.
<i>Ceroplastes</i> sp. (wax scale).....	Unknown plant (2).....	Washington.*
<i>Chionaspis citri</i> (scale insect).....	<i>Citrus</i> sp.....	Hawaii.
Do.....	Unknown plant.....	Washington.*
<i>Chionaspis euonymi</i> (euonymus scale).....	do.....	Do.
Do.....	Shrub.....	Do.
<i>Chrysomphalus aonidum</i> (Florida red scale).....	<i>Aspidistra</i> sp. (aspidistra) (3).....	California.
<i>Chrysomphalus</i> sp. (scale insect).....	Unknown plant.....	Washington.*

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
JAPAN—continued.		
Insects—Continued.		
Coccus hesperidum (soft brown scale).....	Unknown plant.....	Washington.*
Coccus sp. (scale insect).....	Citrus sp.....	District of Columbia.
Cremastogaster sp. (ant).....	Azalea sp.....	California.
Dermestid.....	Paulonia (logs).....	Hawaii.
Dichocrocis punctiferalis (Pyralidae).....	Pinus sp. (pine).....	Do.
Elatерid.....	Paulonia (logs).....	Do.
Do.....	Logs.....	Do.
Ephestia elutella (Pyralidae).....	Helianthus sp. (sunflower) (seed).....	California.
Eriophyes sp. (mite).....	Ornamental plant.....	Oregon.*
Evtria sp. (Eucosmidae).....	Unknown plant.....	Pennsylvania.*
Forficulid.....	Paulonia (logs).....	Hawaii.
Gracilaria sp. (Gracilariidae).....	Azalea sp. (azalea).....	District of Columbia.
Hemerobius sp. (Hemerobiidae).....	Pinus sp. (pine).....	Hawaii.
Hemichionaspis aspidistrae (aspidistra scale).....	Aspidistra sp. (aspidistra) (3).....	California.
Do.....	Citrus sinensis (orange).....	Do.
Do.....	Citrus sp.....	Hawaii.
Lachnus sp. (Aphididae).....	Pinus sp. (pine).....	Do.
Lecanium sp. (scale insect).....	Acer sp. (Japanese maple).....	Washington.*
Lepidosaphes ficus (scale insect).....	Pyrus serotina (sand pear) (5).....	Hawaii.
Lepidosaphes gloverii (Glover's scale).....	Citrus sinensis (orange).....	California.
Do.....	Citrus sp.....	District of Columbia.
Lepidosaphes ulmi (oyster-shell scale).....	Pyrus communis (pear) (cuttings).....	California.
Lepidosaphes sp. (scale insect).....	Camellia sp.....	Hawaii.
Do.....	Citrus sp.....	Do.
Do.....	Pinus sp. (pine).....	Do.
Macrosiphonella sanborni (Aphididae).....	Chrysanthemum sp.....	District of Columbia.
Mycetophilid.....	Zingiber officinale (ginger).....	Hawaii.
Mylabris chinensis (Mylabridae).....	Beans.....	Do.
Do.....	Pisum sativum (pea).....	District of Columbia.
Mylabris pisorum (pea weevil).....	do.....	California.
Mylabris sp. (Mylabridae).....	do.....	District of Columbia.
Necrobia rufipes (red-legged ham beetle).....	Rattan canes.....	New York City.*
Nitidulid.....	Nymphaea spp.....	District of Columbia.
Olethreutid.....	Shrub (deciduous).....	Washington.*
Oniscid.....	Paulonia (logs).....	Hawaii.
Ormenis sp. (Fulgoridae).....	Shrub (deciduous).....	Washington.*
Parlatoria sp. (scale insect).....	Pyrus serotina (sand pear).....	Hawaii.
Plodia interpunctella (Indian meal moth).....	Arachis hypogaea (peanuts).....	California.
Do.....	Capsicum sp. (chili peppers).....	Do.
Plodia sp. (Pyralidae).....	Dried daikon.....	Hawaii.
Pseudanidia duplex (scale insect).....	Azalea sp. (azalea).....	California.
Pseudanidia paeoniae (scale insect).....	Azalea schlippenbachii.....	District of Columbia.
Do.....	Azalea sp. (azalea).....	Do.
Pseudanidia trilobitiformis (scale insect).....	Citrus sinensis (orange).....	Washington.*
Do.....	Citrus sp. (2).....	Hawaii.
Do.....	Citrus sp.....	District of Columbia.
Pseudococcus sp. (mealy bug).....	Azalea sp. (azalea).....	California.
Do.....	Citrus sinensis (orange).....	Hawaii.
Do.....	Citrus sp.....	Do.
Do.....	Pinus sp. (pine).....	Pennsylvania.*
Psychid.....	Azalea sp. (azalea).....	District of Columbia.
Ptochoryctis tsugensis (Tineidae).....	Pinus sp. (pine).....	Hawaii.
Pyralid.....	Picea sp. (spruce) (dwarf).....	Pennsylvania.*
Rhizoglyphus hyacinthi (bulb mite).....	Lilium sp. (lily) (bulbs).....	New York City.*
Rhizoglyphus sp. (mite).....	Nymphaea spp.....	District of Columbia.
Semanotus rufipennis (Cerambycidae).....	Azalea sp. (azalea).....	Do.
Syntomaspis sp. (Torymidae).....	Pyrus communis (pear).....	Kansas.
Tenebrioides mauritanicus (The cadelle).....	Paulonia (logs).....	Hawaii.
Tenebrionid.....	do.....	Do.
Tortricid.....	Unknown plant (2).....	Washington.*
Tyroglyphus sp. (mite).....	Nymphaea spp.....	District of Columbia.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
<b>JAPAN—continued.</b>		
Diseases:		
Aspergillus flavus.....	Oryza sativa (rice).....	California.
Aspergillus oryzae.....	do.....	Do.
Pestalozzia sp.....	Rhodea japonica.....	Do.
Phomopsis caryophylli.....	Dianthus superbus.....	District of Columbia.
Sclerotinia libertiana.....	Brassica sp. (2).....	Do.
<b>JAVA.</b>		
Insects:		
Araecerus fasciculatus (coffee-bean weevil)....	Unknown vegetable material.....	California.
Do.....	Unknown.....	Do.
Araecerus sp. (Curculionidae).....	Tree seeds.....	Hawaii.
Calendra oryzae (rice weevil).....	Klakah sorghum seed.....	District of Columbia.
Ischnaspis longirostris (thread scale).....	Cocos nucifera (coconut).....	Do.
Lepidosaphes sp. (scale insect).....	do.....	Do.
Lophocateres pusillus (Ostomidae).....	Gossypium sp. (cotton seed) (2).....	California.
Oryzaephilus surinamensis (saw-toothed grain beetle).....	Tree seeds.....	Hawaii.
Pyralid.....	Garcinia dioica.....	District of Columbia.
Tetramorium caespitum (ant).....	In soil.....	California.
Tribolium confusum (confused flour beetle)....	Klakah sorghum seed.....	District of Columbia.
Do.....	Unknown vegetable material.....	California.
Tribolium ferrugineum (rust-red flour beetle)...	Tree seeds.....	Hawaii.
Diseases:		
Diplodia coccocarpa.....	Attalea cohune.....	District of Columbia.
Diplodia sp.....	Attalea spectabilis.....	Florida.
Melanconium sacchari.....	Saccharum edule.....	District of Columbia.
<b>MADEIRA ISLANDS.</b>		
Insects:		
Carpophilus hemipterus (Nitidulidae).....	Ipomoea batatas (sweet potato) (2).....	Pennsylvania.*
Cathartus advena (foreign grain beetle).....	Ipomoea batatas (sweet potato) (1).....	Do.
Drosophila sp. (Drosophilidae).....	Ipomoea batatas (sweet potato) (2).....	Do.
Euscepes batatae (West Indian sweet-potato weevil).....	Ipomoea batatas (sweet potato) (1).....	Do.
Euscepes sp. (Cryptorhynchidae).....	do.....	Do.
Phora sp. (Phoridae).....	do.....	Do.
<b>MALTA.</b>		
Insect:		
Cylas formicarius (sweet-potato weevil).....	Ipomoea batatas (sweet potato).....	Pennsylvania.*
<b>MANCHURIA.</b>		
Insect:		
Plodia interpunctella (Indian meal moth).....	Walnut sacks.....	California.
<b>MARTINIQUE.</b>		
Insect:		
Diaphania hyalinata (Pyralidae).....	Cucurbita sp. (squash).....	New York City.*
<b>MEXICO.</b>		
Insects:		
Aeolus dorsalis (Elateridae).....	Ipomoea batatas (sweet potato).....	Texas.*
Anarsia lineatella (peach twig borer).....	Amygdalus persica (peach).....	Do.
Anastrepha fraterculus (West Indian fruit fly).....	Mangifera indica (mango).....	Do.
Anastrepha ludens (fruit fly).....	Citrus aurantifolia (lime).....	California.
Do.....	Mangifera indica (mango).....	Texas.*
Anisembia sp. (Embiian).....	Lycopodium sp.....	District of Columbia.
Aspidiotus camelliae (greedy scale).....	Citrus aurantifolia (lime).....	Texas.*
Do.....	Persea gratissima (avocado).....	Do.
Aspidiotus hederae (ivy scale).....	Citrus aurantifolia (lime).....	Do.
Do.....	Euphorbia sp.....	District of Columbia.
Do.....	Nerium oleander (oleander) (2).....	Texas.*

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
<b>MEXICO—continued.</b>		
<b>Insects—Continued.</b>		
Aspidiotus lataniae (scale insect).....	Cycas sp.....	District of Columbia.
Do.....	Diospyros ebenaster ("guayabota").....	Arizona.*
Do.....	Sedum sp. (herbs).....	District of Columbia.
Aulacaspis sp. (scale insect).....	Persea gratissima (avocado).....	Texas.*
Calendra oryzae (rice weevil).....	Cicer aerietinum (chick peas) (2).....	California.
Do.....	Zea mays (corn).....	Do.
Carpophilus dimidiatus (Nitidulidae).....	Tripsacum sp. (narrow-leaf).....	District of Columbia.
Caryoborus sp. (Mylabridae).....	Cocos nucifera (coconut).....	Texas.*
Catorama sp. (Anobiidae).....	Gourd.....	Florida.
Ceroplastes ceriferus (wax scale).....	Cape jessamine plants.....	California.
Chrysomphalus aonidium (Florida red scale).....	Citrus aurantifolia (lime).....	Texas.*
Do.....	Citrus sinensis (orange).....	Do.
Do.....	Citrus sinensis (orange) (2).....	California.
Do.....	Cocos nucifera (coconut).....	Do.
Cis sp. (Cisidae).....	Unknown.....	Do.
Conotrachelus sp. (Curculionidae).....	Persea gratissima (avocado).....	Texas.*
Crematogaster sp. (ant).....	Diospyros ebenaster ("guayabota").....	Arizona.*
Do.....	Logs.....	California.
Cylas formicarius (sweet-potato weevil).....	Ipomoea batatas (sweet potato).....	Texas.*
Diatraea saccharalis (sugar-cane moth borer).....	Saccharum officinarum (sugar cane).....	California.
Echocerus maxillosus (Tenebrionidae).....	Zea mays (corn).....	Do.
Epicaerus sp. (Otiorynchidae).....	Solanum tuberosum (Irish potato).....	Louisiana.*
Epochra canadensis (currant or gooseberry fruit fly).....	Mangifera indica (mango) (2).....	Texas.*
Heilipus sp. (Curculionidae).....	Persea gratissima (avocado).....	Do.
Heliethis obsoleta (cotton bollworm).....	Lycopersicum esculentum (tomato) (34).....	California.
Hemichionaspis minor (scale insect).....	Cocos nucifera (coconut).....	Do.
Hemichionaspis sp. (scale insect).....	Citrus aurantifolia (lime).....	Do.
Laemophloeus ferrugineus (Cucujidae).....	Cactus plant.....	District of Columbia.
Laemophloeus pusillus (Cucujidae).....	Zea mays (corn).....	California.
Lepidosaphes beckii (purple scale).....	Citrus aurantifolia (lime) (3).....	Do.
Do.....	Citrus sinensis (orange) 5.....	Do.
Do.....	Citrus sinensis (orange).....	District of Columbia.
Do.....	do.....	Texas.*
Lepidosaphes gloverii (Glover's scale).....	Citrus aurantifolia (lime).....	Florida.
Do.....	Citrus aurantifolia (lime) (2).....	California.
Lobiopa decumana (Nitidulidae).....	Musa sp. (banana).....	Louisiana.*
Lygaeus interstructus (Lygaeidae).....	Ipomoea batatas (sweet potato).....	Texas.*
Metamasius sp. (Curculionidae).....	Saccharum officinarum (sugar cane).....	Do.
Mylabris obtectus (bean weevil).....	Beans.....	New York City.*
Myochrous melancholicus (Chrysomelidae).....	Musa sp. (banana).....	Louisiana.*
Myrmica sp. (ant).....	Ipomoea batatas (sweet potato).....	Texas.*
Oryzaephilus surinamensis (saw-toothed grain beetle).....	Unknown.....	California.
Parlatoria cinerea (scale insect).....	Cirtus aurantifolia (lime) (2).....	Do.
Parlatoria pergandei (chaff scale).....	Citrus aurantifolia (lime) (3).....	Do.
Do.....	Citrus aurantifolia (lime).....	Florida.
Parlatoria proteus (scale insect).....	do.....	California.
Pectinophora gossypiella (pink bollworm).....	Gossypium sp. (cottonseed) (4).....	Texas.*
Do.....	In railroad cars (20).....	Do.
Phenacoccus sp. (scale insect).....	Solanum tuberosum (Irish potato).....	Louisiana.*
Plodia interpunctella (Indian meal moth).....	Gossypium sp. (cotton seed).....	Texas.*
Do.....	In railroad cars.....	Do.
Do.....	Zea mays (corn).....	California.
Pseudonidia articulatus (rufous scale).....	Citrus aurantifolia (lime) (2).....	Florida.
Do.....	Unknown.....	Do.
Pseudococcus virgatus (mealybug).....	Yucca sp. (yucca).....	California.
Pseudococcus sp. (mealybug).....	Musa sp. (banana).....	Florida.
Pseudoparlatoria parlarioides (scale insect).....	Gardenia sp.....	Texas.*
Ptochiomera oblonga (Lygaeidae).....	Ipomoea batatas (sweet potato).....	Do.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
<b>MEXICO—continued.</b>		
<b>Insects—Continued.</b>		
Pyralid.....	Gossypium sp. (cotton seed).....	Texas.*
Do.....	Gourd.....	California.
Do.....	In railroad car (2).....	Texas.*
Do.....	Tamarindus indica (tamarind).....	Do.
Sitotroga cerealella (angoumois grain moth).....	Zea everta (popcorn).....	Do.
Do.....	Zea mays (corn).....	California.
Do.....	do.....	Texas.*
Spermophagus pectoralis (Mylabridae).....	Beans (2).....	California.
Stenomoma catinefer (avocado stenoma).....	Persea gratissima (avocado).....	Texas.*
Tribolium confusum (confused flour beetle).....	Gossypium sp. (cotton seed).....	Do.
Do.....	Unknown.....	Do.
Tryporemnon sp. (Psallidiidae).....	Solanum tuberosum (Irish potato) (2).....	Louisiana.*
<b>Diseases:</b>		
Aspergillus niger.....	Citrus sp.....	Do.
Cerotelium canavaliae.....	Canavalia villosa.....	District of Columbia.
Cladosporium citri.....	Citrus sp.....	Louisiana.*
Penicillium digitatum.....	do.....	Do.
<b>NEW ZEALAND.</b>		
<b>Insects:</b>		
Hemichionaspis minor (scale insect).....	Unknown.....	California.
Lepidosaphes ulmi (oyster-shell scale).....	Malus sylvestris (apple).....	Do.
Ptinus sp. (Ptinidae).....	Lotus sp.....	District of Columbia.
Do.....	Trifolium sp. (clover).....	Do.
<b>NICARAGUA.</b>		
<b>Insects:</b>		
Aspidiotus lataniae (scale insect).....	Cedrela odorata (West Indian cedar tree).....	District of Columbia.
Aulacaspis pentagona (West Indian peach scale).....	do.....	Do.
Calendra oryzae (rice weevil).....	Persea gratissima (avocado).....	California.
Cathartus advena (foreign grain beetle).....	do.....	Do.
Chrysomphalus dictyospermi (scale insect).....	In soil.....	Do.
Diaspis boisduvalii (Boisduval's scale).....	Cocos nucifera (coconut).....	Louisiana.*
Monomorium pharaonis (ant).....	Rosa sp. (in soil about plants).....	California.
Saissetia hemisphaerica (hemispherical scale).....	Annona muricata (sour sop).....	Louisiana.*
<b>NORWAY.</b>		
<b>Insects:</b>		
Geophilus electricus (myriapod).....	In soil.....	Pennsylvania.*
Sciara sp. (Mycetophilidae).....	In soil (2).....	Do.
<b>Disease:</b>		
Actinomyces scabies.....	Solanum tuberosum (Irish potato).....	Do.
<b>ORIENT.</b>		
<b>Insect:</b>		
Plodia interpunctella (Indian meal moth).....	Walnut sacks.....	California.
<b>PALESTINE.</b>		
<b>Insects:</b>		
Chrysomphalus aurantii (California red scale).....	Cedrats (2).....	California.
Do.....	Citrus limonia (lemon).....	Florida.
Do.....	Citrus sp.....	District of Columbia.
Lepidosaphes beckii (purple scale).....	Cedrats.....	California.
Pseudococcus citri (citrus mealybug).....	do.....	Do.
<b>Disease:</b>		
Ustilago hordei.....	Hordeum vulgare.....	District of Columbia.
<b>PANAMA.</b>		
<b>Insects:</b>		
Anisolabis annulipes (earwig).....	Phytelephas seemannii (tagua nuts).....	New York City.*
Aspidiotus camelliae (greedy scale).....	Citrus sinensis (orange).....	Oregon.*
Calendra oryzae (rice weevil).....	Dioscorea sp. (yam).....	New York City.*

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
<b>PANAMA—continued.</b>		
<b>Insects—Continued.</b>		
Carpophilus dimidiatus (Nitidulidae).....	Phytelephas seemannii (tagua nuts).....	New York City.*
Coccotrypes sp. (Scolytidae).....	do.....	Do.
Euxestus parki (Colydiidae).....	do.....	Do.
Lepidosaphes beckii (purple scale).....	Citrus sinensis (orange) (3).....	California.
Lepidosaphes crotonis (scale insect).....	Croton sp. (croton).....	Do.
Nitidulid.....	Phytelephas seemannii (tagua nuts) (2).....	New York City.*
Parlatoria proteus (scale insect).....	Croton sp. (croton).....	California.
Pseudaonidia articulatus (scale insect).....	Rosa sp. (rose).....	District of Columbia.
Rhizoglyphus sp. (mite).....	Phytelephas seemannii (tagua nuts).....	New York City.*
Rhynchophorus palmarum (Curculionidae).....	Cocos nucifera (coconut).....	Do.
Saissetia hemisphaerica (hemispherical scale).....	Ixora sp.....	District of Columbia.
Tetramorium guineense (ant).....	Phytelephas seemannii (tagua nuts).....	New York City.*
Zelus sp. (Reduviidae).....	Musa sp. (banana).....	Louisiana.*
<b>PARAGUAY.</b>		
<b>Insects:</b>		
Aspidiotus sp. (scale insect).....	Citrus sinensis (orange).....	California.
Chrysomphalus sp. (scale insect).....	do.....	Do.
Lepidosaphes beckii (purple scale).....	do.....	Do.
Parlatoria sp. (scale insect).....	do.....	Do.
<b>PHILIPPINE ISLANDS.</b>		
<b>Insects:</b>		
Aspidiotus cydoniae (scale insect).....	Cocos nucifera (coconut).....	California.
Chrysomphalus aurantii (California red scale).....	Citrus grandis (grapefruit).....	Hawaii.
Do.....	Citrus sp.....	District of Columbia.
Do.....	Diospyros discolor.....	Do.
Chrysomphalus rossi (scale insect).....	Orchids.....	California.
Coccus sp. (scale insect).....	Citrus sp.....	District of Columbia.
Cryptorhynchus sp. (Curculionidae).....	Heritiera littoralis (seed).....	Hawaii.
Ephestia elutella (Pyralidae).....	Mangifera indica (mango).....	California.
Gryllotalpa sp. (Gryllidae).....	In soil.....	Hawaii.
Lepidosaphes beckii (purple scale).....	Citrus sinensis (orange).....	California.
Do.....	Citrus sp.....	District of Columbia.
Lepidosaphes mcgregori (scale insect).....	Cocos nucifera (coconut).....	California.
Lepidosaphes sp. (scale insect).....	Grass.....	Hawaii.
Murmidius ovalis (Murmididae).....	Unknown.....	Oregon.*
Necrobia rufipes (red-legged ham beetle).....	Copra (coconut meat).....	Pennsylvania.*
Parlatoria pergandei (chaff scale).....	Citrus sinensis (orange).....	California.
Parlatoria zizyphus (scale insect).....	Citrus grandis (grapefruit).....	Hawaii.
Do.....	Citrus sp.....	Washington.*
Prenolepis sp. (ant).....	Orchids.....	California.
Pseudaonidia trilobitiformis (scale insect).....	Citrus sp.....	District of Columbia.
Pseudococcus bromeliae (pineapple mealybug).....	Musa sp. (banana).....	Hawaii.
Pseudococcus virgatus (mealybug).....	Citrus sp.....	District of Columbia.
Saissetia oleae (black scale).....	Orchids.....	California.
Tetranychus sp. (mite).....	Citrus sp.....	District of Columbia.
<b>Diseases:</b>		
Botryodiplodia sp.....	Diospyros discolor.....	District of Columbia.
Diplodia diospyri.....	do.....	Do.
Melanconium sacchari.....	Saccharum officinarum (sugar cane).....	California.
<b>PORTO RICO.</b>		
<b>Insects:</b>		
Aspidiotus cocotiphagus (scale insect).....	Cocos nucifera (coconut).....	New York City.*
Asterolecanium pustulans (scale insect).....	Unknown.....	Do.
Chironomyid.....	Mangifera indica (mango).....	Pennsylvania.*
Diatraea saccharalis (Pyralidae).....	Saccharum officinarum (sugar cane).....	New York City.*
Drosophila similis (Drosophilidae).....	Ananas sativus (pineapple).....	Do.
Hemichionaspis sp. (scale insect).....	Unknown.....	Do.
Lasioderma serricorne (cigarette beetle).....	Nicotiana tabacum (tobacco).....	Maryland.*

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
<b>PORTO RICO—continued.</b>		
<b>Insects—Continued.</b>		
Lepidosaphes beckii (purple scale).....	Citrus grandis (grapefruit) (4).....	California.
Pinnaspis buxi (scale insect).....	Oreodoxa regia (royal palm).....	District of Columbia.
Pseudococcus bromeliae (pineapple mealybug).....	Ananas sativus (pineapple) (2).....	New York City.*
Pseudococcus sp. (mealybug).....	Ananas sativus (pineapple).....	Do.
Targionia sacchari (scale insect).....	Dracaena terminalis.....	Do.
<b>Disease:</b>		
Puccinia cannae.....	Canna sp.....	New York.*
<b>PORTUGAL.</b>		
<b>Insects:</b>		
Aspidiotus hederæ (ivy scale).....	Ligustrum sp. (privet) (cuttings).....	Massachusetts.*
Mylabris pisorum (pea weevil).....	Vicia faba (horsebeans).....	Hawaii.
Saissetia hemisphaerica (hemispherical scale).....	Ligustrum sp. (privet) (cuttings).....	Massachusetts.*
<b>PORTUGUESE EAST AFRICA.</b>		
<b>Insects:</b>		
Curculionid.....	Mafurreira (seeds).....	New York City.*
Saissetia nigra (scale insect).....	Unknown leaves.....	Do.
<b>RUSSIA.</b>		
<b>Diseases:</b>		
Actinomyces scabies.....	Solanum tuberosum (Irish potato).....	Pennsylvania.*
Fusarium sp.....	do.....	Do.
<b>SALVADOR.</b>		
<b>Insect:</b>		
Ponera sp. (ant).....	Rosa sp. (rose).....	California.
<b>SEYCHELLE ISLAND.</b>		
<b>Insect:</b>		
Lasioderma serricorne (cigarette beetle).....	Myristica sp. (nutmeg).....	Florida.
<b>SIAM.</b>		
<b>Insects:</b>		
Araecerus fasciculatus (coffee-bean weevil).....	Inga laurina (seed).....	District of Columbia.
Attagenus piceus (Dermestidae).....	Gossypium sp. (cotton seed).....	Do.
Balaninus sp. (Curculionidae).....	Elaeocarpus siamensis.....	Do.
Do.....	Quercus sp. (acorn) (8).....	Do.
Carpophilus dimidiatus (Nitidulidae).....	Gossypium sp. (cotton seed).....	Do.
Chrysomphalus aonidum (Florida red scale).....	Citrus grandis (grapefruit).....	Do.
Chrysomphalus aurantii (California red scale).....	do.....	Do.
Do.....	Citrus sp.....	Do.
Curculionid larva.....	Eugenia grandis.....	Do.
Dinoderus sp. (Bostrichidae).....	Bambuseae sp. (bamboo).....	California.
Hemichionaspis sp. (scale insect).....	Citrus grandis (grapefruit).....	District of Columbia.
Lasioderma serricorne (cigarette beetle).....	Bambuseae sp. (bamboo).....	California.
Monomorium destructor (ant).....	Wild almonds.....	District of Columbia.
Pyralid.....	Elaeocarpus siamensis (seeds).....	Do.
Tarsonemus sp. (mite).....	Citrus sp.....	Do.
<b>SICILY.</b>		
<b>Insects:</b>		
Aspidiotus hederæ (ivy scale).....	Citrus limonia (lemon).....	California.
Ceroplastes rusci (wax scale).....	Ficus carica (fig.).....	Pennsylvania.*
<b>SOUTH AFRICA.</b>		
<b>Insects:</b>		
Apfiochaeta sp. (Phoridae).....	Solanum tuberosum (Irish potato).....	Pennsylvania.*
Aspidiotus sp. (scale insect).....	"Keiffer pears".....	Do.
Carpophilus hemipterus (Nitidulidae).....	Honeydew melon.....	Do.
Carpophilus sp. (Nitidulidae).....	Solanum tuberosum (Irish potato).....	Do.
Do.....	Vitis sp. (grape).....	Do.
Drosophila busckii (Drosophilidae).....	Honeydew melon.....	Do.



List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
<b>SOUTH AFRICA—continued.</b>		
<b>Insects—Continued.</b>		
<i>Drosophila melanogaster</i> (Drosophilidae).....	Honeydew melon.....	Pennsylvania.*
<i>Drosophila repleta</i> (Drosophilidae).....	do.....	Do.
<i>Phthorimaea operculella</i> (potato tuber moth)...	<i>Solanum tuberosum</i> (Irish potato) (2)....	Do.
<i>Pseudococcus</i> sp. (mealybug).....	"Keiffer pears" (2).....	Do.
<b>SOUTH AMERICA.</b>		
<b>Insects:</b>		
<i>Caryobius</i> sp. (Mylabridae).....	Unknown.....	District of Columbia.
<i>Trigonogenius globulum</i> (Ptinidae).....	<i>Phytelephas seemannii</i> (ivory nut).....	California.
<b>Diseases:</b>		
<i>Acrostalagmus cinnabarinus</i> .....	<i>Theobroma cacaoicola</i> .....	California.
<i>Cladosporium citri</i> .....	<i>Citrus nobilis</i> (tangerine).....	Do.
Do.....	<i>Citrus sinensis</i> (orange).....	Do.
<i>Colletotrichum gloeosporioides</i> .....	<i>Theobroma cacaoicola</i> .....	Do.
<i>Diplodia cacaoicola</i> .....	<i>Cocos nucifera</i> (coconut).....	Do.
Do.....	<i>Theobroma cacaoicola</i> .....	Do.
<b>SPAIN.</b>		
<b>Insects:</b>		
<i>Aspidiotus hederæ</i> (ivy scale).....	Palm.....	Pennsylvania.*
<i>Aspidiotus</i> sp. (scale insect).....	Unknown leaves.....	Florida.
<i>Carpoglyphus</i> sp. (mite).....	Raisins.....	Pennsylvania.*
<i>Carpophilus hemipterus</i> (Nitidulidae).....	do.....	Do.
<i>Carpophilus</i> sp. (Nitidulidae).....	do.....	Do.
<i>Cathartus advena</i> (foreign grain beetle).....	do.....	Do.
<i>Chrysomphalus dictyospermi</i> (scale insect)....	<i>Citrus sinensis</i> (orange).....	Florida.
Do.....	Palm.....	Maryland.*
<i>Coccus</i> sp. (scale insect).....	do.....	Do.
<i>Drosophila</i> sp. (Drosophilidae).....	<i>Allium cepa</i> (onions).....	Pennsylvania.*
<i>Hemichionaspis aspidistrae</i> (aspidistra scale)..	Unknown plant.....	Florida.
<i>Lepidosaphes beckii</i> (purple scale).....	<i>Citrus sinensis</i> (orange).....	California.
<i>Lepidosaphes gloverii</i> (Glover's scale).....	do.....	Florida.
<i>Lepidosaphes</i> sp. (scale insect).....	do.....	Do.
<i>Parlatoria pergandei</i> (chaff scale).....	do.....	Do.
<i>Plodia interpunctella</i> (Indian meal moth)....	Walnuts (2).....	California.
<i>Saissetia oleæ</i> (black scale).....	<i>Citrus</i> sp.....	Florida.
<b>Diseases:</b>		
<i>Actinomyces scabies</i> .....	<i>Solanum tuberosum</i> (Irish potato).....	Pennsylvania.*
<i>Claviceps purpurea</i> .....	<i>Secale cereale</i> .....	California.
<i>Phytophthora infestans</i> .....	<i>Solanum tuberosum</i> (Irish potato).....	Pennsylvania.*
<b>SPANISH HONDURAS.</b>		
<b>Insects:</b>		
<i>Adetus validus</i> (Cerambycidae).....	<i>Musa</i> sp. (banana) (in cargo).....	New York City.*
<i>Alegoria dilatatus</i> (Tenebrionidae).....	<i>Musa</i> sp. (banana) (2).....	Louisiana.*
<i>Alphitobius piceus</i> (Tenebrionidae).....	<i>Musa</i> sp. (banana).....	Do.
<i>Anasa andrewsi</i> (Coreidae).....	<i>Musa</i> sp. (banana) (in cargo).....	Do.
<i>Anisolabis annulipes</i> (earwig).....	do.....	Do.
<i>Camponotus planatus</i> (ant).....	<i>Musa</i> sp. (banana).....	Pennsylvania.*
<i>Cardiastethus elegans</i> (Anthecoridae).....	do.....	New York City.*
<i>Carpophilus lugubris</i> (Nitidulidae).....	<i>Musa</i> sp. (banana) (2).....	Louisiana.*
<i>Chalcis</i> sp. (Chalcididae).....	<i>Musa</i> sp. (banana).....	Do.
<i>Chrysomphalus dictyospermi</i> (scale insect)....	<i>Cocos nucifera</i> (coconut).....	Florida.
<i>Chrysomphalus</i> sp. (scale insect).....	<i>Musa</i> sp. (banana).....	New York City.*
<i>Crematogaster brevispinosa</i> (ant).....	do.....	Do.
<i>Cupiennius sallei</i> (spider).....	do.....	Pennsylvania.*
<i>Dinocoris</i> sp. (Pentatomidae).....	do.....	Louisiana.*
<i>Discocephala humilis</i> (Pentatomidae).....	do.....	Do.
<i>Disonychia</i> sp. (Chrysomelidae).....	<i>Musa</i> sp. (banana) (2).....	Do.
<i>Drosophilid</i> (pomace fly).....	<i>Citrus aurantifolia</i> (lime) (2).....	Florida.
<i>Epilachna discincta</i> (Coccinellidae).....	<i>Musa</i> sp. (banana).....	Louisiana.*

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
SPANISH HONDURAS—continued.		
Insects—Continued.		
Hemichionaspis sp. (scale insect) .....	Manihot utilissima (cassava) .....	Florida.
Hermetia sp. (Stratiomyidae) .....	Solanum tuberosum (Irish potato) .....	Louisiana.*
Heteroderes heterostinus (Elateridae) .....	Musa sp. (banana) (in cargo) .....	New York City.*
Leptoglossus phyllopus (Coreidae) .....	do. ....	Louisiana.*
Loxotropa trapeziderus (Tenebrionidae) .....	do. ....	Pennsylvania.*
Lygaeus bistrigularis (Lygaeidae) .....	do. ....	Louisiana.*
Macropygium reticulare (Pentatomidae) .....	do. ....	Do.
Metamasius sericeus carbonarius (banana borer) .....	Musa sp. (banana) .....	Do.
Neoponera villosa (ant) .....	do. ....	Do.
Parlatoria sp. (scale insect) .....	Citrus aurantifolia (lime) .....	Florida.
Phidippus sp. (spider) .....	Musa sp. (banana) .....	Maryland.*
Prenolepis sp. (ant) .....	do. ....	New York City.*
Do. ....	do. ....	Pennsylvania.*
Pseudococcus bromeliae (pineapple mealybug) .....	Ananas sativus (pineapple) .....	Florida.
Sciara sp. (Mycetophilidae) .....	Musa sp. (banana) (in cargo) .....	Pennsylvania.*
Solenopsis sp. (ant) .....	Musa sp. (banana) .....	New York City.*
Spilosoma isabella (Isabella tiger moth) .....	Musa sp. (banana) (in cargo) .....	Louisiana.*
Stelopolybia meridionalis (Vespidae) .....	Musa sp. (banana) .....	Do.
Telephanus gracilis (Cucujidae) .....	do. ....	New York City.*
Telephanus sp. (Cucujidae) .....	do. ....	Louisiana.*
Typophorus viridicyaneus (Chrysomelidae) .....	do. ....	Do.
ST. KITT'S ISLAND.		
Insect:		
Targionia hartii (scale insect) .....	Dioscorea sp. (yam) .....	New York City.*
STRAITS SETTLEMENTS.		
Insects:		
Araecerus fasciculatus (coffee-bean weevil) .....	Myristica sp. (nutmeg) .....	California.
Araecerus sp. (Cerambycidae) .....	Saraca taipengensis (seed) .....	District of Columbia.
Aspidiotus cyanophylli (scale insect) .....	Cocos nucifera (coconut) .....	California.
Aspidiotus lataniae (scale insect) .....	do. ....	Do.
Aspidiotus sp. (scale insect) .....	Cocos nucifera (coconut) (2) .....	Do.
Chrysomphalus aurantii (California red scale) .....	Citrus grandis .....	Oregon.*
Lepidosaphes mcgregori (scale insect) .....	Cocos nucifera (coconut) .....	California.
Lepidosaphes sp. (scale insect) .....	do. ....	Do.
Oryzaephilus surinamensis (saw-toothed grain beetle) .....	Gossypium sp. (cotton seed) .....	Do.
Phenacaspis sp. (scale insect) .....	Cocos nucifera (coconut) (2) .....	Do.
Tribolium confusum (confused flour beetle) .....	Gossypium sp. (cotton seed) .....	Do.
Disease:		
Actinomyces scabies .....	Solanum tuberosum (Irish potato) .....	Massachusetts.*
SWEDEN.		
Insects:		
Adelges sp. (Aphididae) .....	Pinus sp. (pine) .....	New York City.*
Brevicoryne brassicae (Aphididae) .....	Brassica oleracea (cabbage) (curly type) .....	Pennsylvania.*
Cecidomyid .....	Pinus sp. (pine) .....	New York City.*
Francoa elegans (Aphididae) .....	Rosa sp. (rose) .....	Do.
Hemichionaspis aspidistrae (scale insect) .....	Aspidistra sp. ....	Pennsylvania.*
Macrosiphum rosae (Aphididae) .....	Rosa sp. (rose) .....	New York City.*
Myzus persicae (green-peach louse) .....	Brassica oleracea (cabbage) (curly type) .....	Pennsylvania.*
Disease:		
Puccinia graminis .....	Phleum asperum .....	District of Columbia.
SYRIA.		
Insect:		
Pyralid .....	Amygdalus persica (peach) .....	District of Columbia.
SWITZERLAND.		
Disease:		
Puccinia phragmitis .....	Phragmites communis .....	District of Columbia.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of nest.	Host.	Collected in—
<b>TAHITI.</b>		
Insects:		
Euscepes batatae (West Indian sweet-potato weevil).....	Ipomoea batatas (sweet potato).....	California.
Hemichionaspis sp. (scale insect).....	Orchid.....	Do.
Lepidosaphes beckii (purple scale).....	Citrus sinensis (orange).....	Do.
Pseudococcus bromeliae (pineapple mealybug).....	Ananas sativus (pineapple).....	Do.
Disease:		
Diplodia inocarpi.....	Inocarpus edulis.....	Do.
<b>TRINIDAD.</b>		
Insects:		
Anobiid.....	Persea gratissima (avocado).....	New York City.*
Cathartus advena (foreign grain beetle).....	Chinese yams (on or with).....	District of Columbia.
Coccus hesperidum (soft brown scale).....	Citrus aurantifolia (lime).....	Mississippi.
Lepidosaphes beckii (purple scale).....	do.....	Do.
Necrobia rufipes (red-legged ham beetle).....	Fruit and vegetables (2).....	New York City.*
Pseudaonidia articulatus (scale insect).....	Citrus sinensis (orange).....	Do.
Pseudococcus citri (citrus mealybug).....	Chinese yams.....	District of Columbia.
Targionia hartii (scale insect).....	Dioscorea sp. (yam).....	New York City.*
Diseases:		
Cladosporium citri.....	Citrus sp.....	Massachusetts.
Glomerella cingulata.....	Dracaena massagana.....	District of Columbia.
Rhizopus nigricans.....	Ipomoea batatas (sweet potato).....	New York City.*
<b>TRIPOLI.</b>		
Insect:		
Sitotroga cerealella (angoumois grain moth)....	Hordeum vulgare (barley).....	District of Columbia.
<b>TURKEY.</b>		
Insect:		
Pyrallid.....	Nicotiana tabacum (tobacco).....	New York City.*
<b>UNION OF SOUTH AFRICA.</b>		
Diseases:		
Cerebella panici.....	Urochloa brachyura.....	District of Columbia.
Claviceps purpurea.....	Antheophora pubescens.....	Do.
Colletotrichum graminicolum.....	Cynodon incompletus.....	Do.
<b>URUGUAY.</b>		
Insects:		
Caryoborus sp. (Mylabridae).....	Acrocomia sp.....	District of Columbia.
Dermestes vulpinus (Dermestidae).....	Bones.....	Louisiana.*
Necrobia ruficollis (Corynetidae).....	do.....	Do.
Necrobia rufipes (red-legged ham beetle).....	do.....	Do.
<b>VENEZUELA.</b>		
Insects:		
Diaspis boisduvalii (Boisduval's scale).....	Orchid.....	New York City.*
Pentatomid.....	Corn.....	Do.
Pseudococcus sp. (mealybug).....	Zea mays (corn).....	Do.
Saissetia sp. (scale insect).....	Grevillea robusta.....	Do.
<b>VIRGIN ISLANDS.</b>		
Insects:		
Diatraea saccharalis (sugar-cane moth borer)....	Saccharum officinarum (sugar cane).....	District of Columbia.
Hemichionaspis sp. (scale insect).....	Gossypium sp. (cotton) (boll).....	New York City.*
Pseudococcus sacchari (mealybug).....	Saccharum officinarum (sugar cane).....	District of Columbia.
Diseases:		
Melanconium sacchari.....	do.....	Do.
Trichoderma lignorum.....	do.....	Do.
<b>WASHINGTON ISLAND.</b>		
Insect:		
Phaidole sp. (ant).....	Fern.....	Hawaii.

List, by countries, of pests collected and reported from January 1, 1921, to December 31, 1921, inclusive—Continued.

Country of origin and name of pest.	Host.	Collected in—
WEST INDIES (BRITISH).		
Diseases:		
Claviceps microcephala.....	Oryzopsis miliacea.....	District of Columbia.
Colletotrichum gloeosporioides.....	Melicocca bijuga.....	Do.
Do.....	Peperomia sp.....	Do.
Diplodia coccocarpa.....	Cocos nucifera (coconut).....	Florida.
Diplodia natalensis.....	Citrus aurantifolia (lime).....	Do.
Diplodia tubericola.....	Ipomoea batatas (sweet potato).....	Pennsylvania.*
Fusarium sp.....	Zea mays (corn).....	Florida.
Glomerella sp.....	Gossypium sp. (cotton).....	Pennsylvania.*
Phyllachora engleri.....	Anthurium sp.....	New York City.*
Sclerotium bataticola.....	Ipomoea batatas (sweet potato).....	Pennsylvania.*
Septoria oleandrina.....	Nerium oleander (oleander).....	New York.*
WEST INDIES (FRENCH).		
Disease:		
Fusarium sp.....	Vanilla sp.....	District of Columbia.